

# FINAL REPORT

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## HAZARDOUS MINE OPENING PROJECT; PHASE 25, PROJECT 28

DSL-AMRB 90-022

Austin and Marysville Mining Districts

Lewis and Clark County, Montana

January 1992

### APPENDIX G PHOTOGRAPHIC RECORD



Chen  Northern, Inc.  
Helena, Montana



Digitized by the Internet Archive  
in 2014

[https://archive.org/details/finalreporthaza1992chen\\_0](https://archive.org/details/finalreporthaza1992chen_0)

**Austin District**

**Equipment**

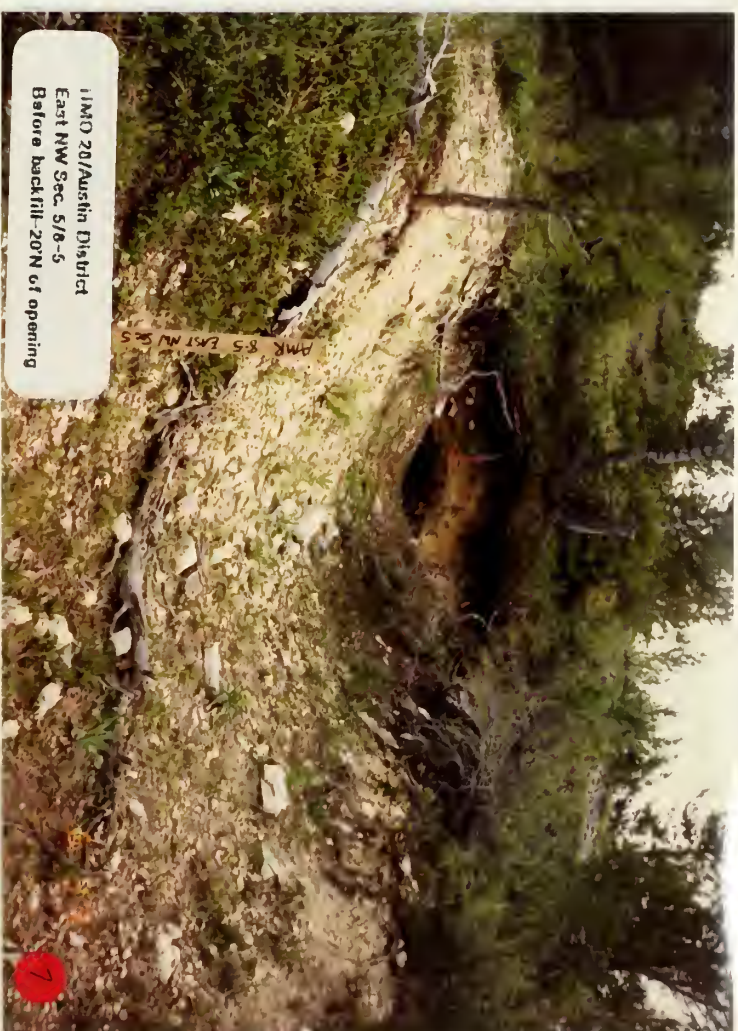




# Austin District



HMO 28/Marysville District  
Equipment  
Hauling concrete on Big Bear ATV



HMO 20/Austin District  
East NW Sec. 5/6-5  
Before backfill-20N of opening



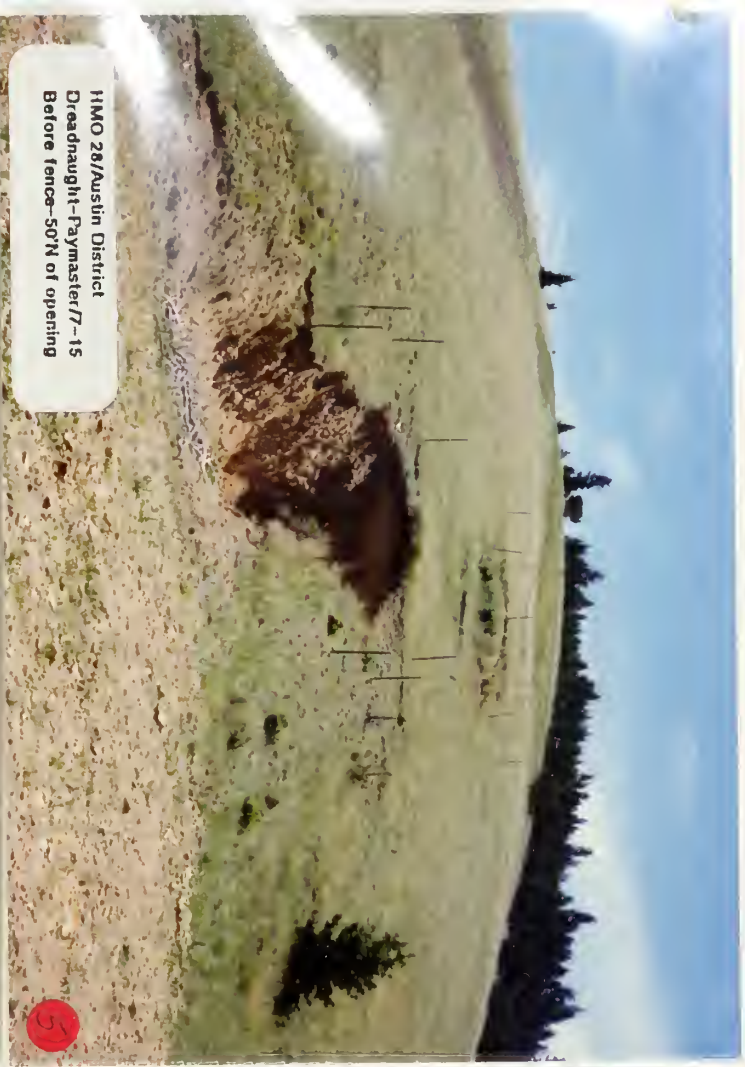


HMO 28  
Equipment photo  
Transport and Grates







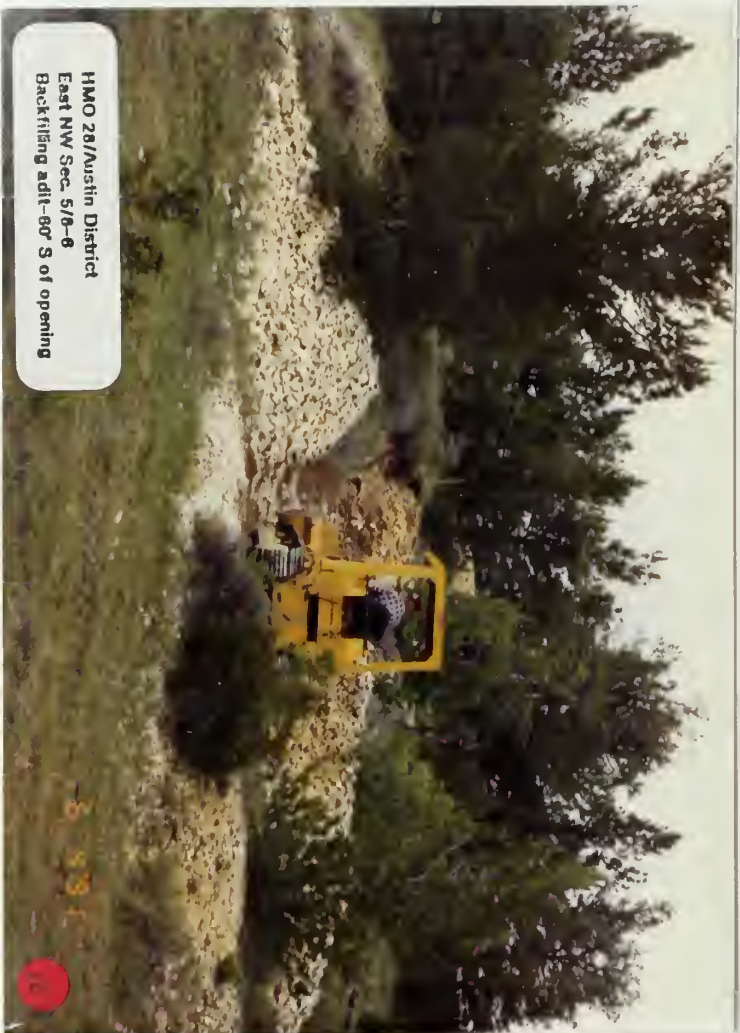


HMO 28/Austin District  
Dreadnaught-Paymaster/7-15  
Before fence-50'N of opening



HMO 28/Austin District  
East NW Sec. 5/8-5  
Complete backfill-30'N of opening





HMO 28/Austin District  
East NW Sec. 5/0-6  
Backfilling adit-60' S of opening



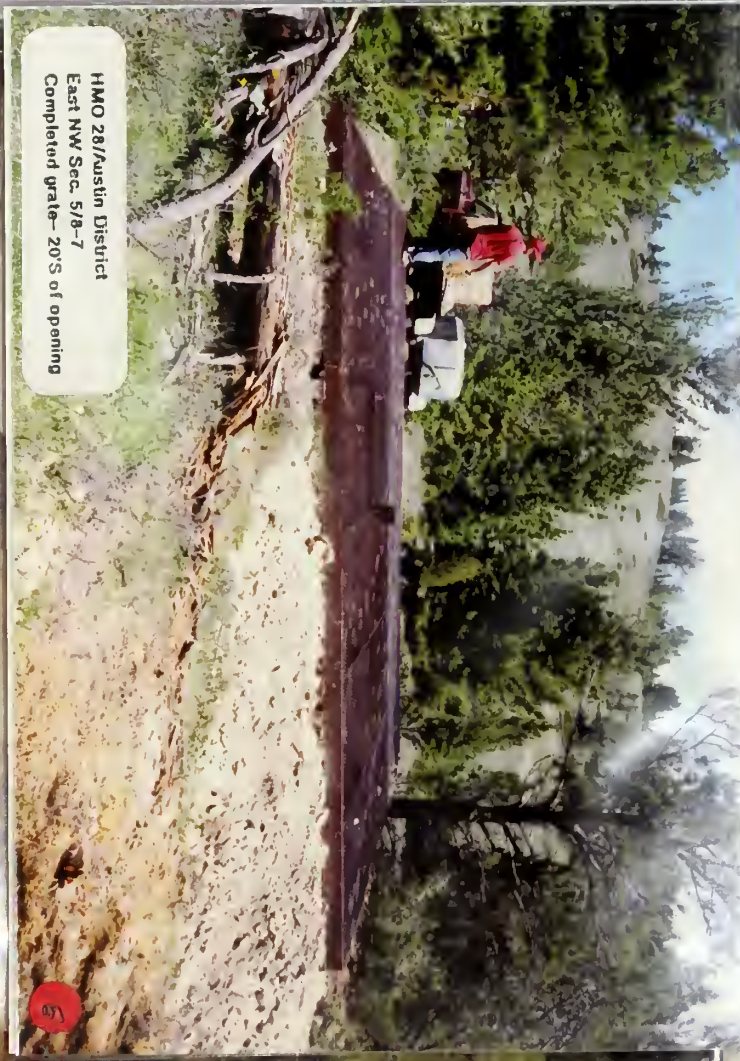
HMO 28/Austin District  
East NW Sec. 5/0-6  
Complete backfill-30' S of opening





HMO 28/Austin District  
East NW Sec. 5/8-7  
Unloading grates-20' NE of opening

3



HMO 28/Austin District  
East NW Sec. 5/8-7  
Completed grate- 20'S of opening

5



HMO 28/Austin District  
East NW Sec.5/8-7  
Bolting grate together - 10' SW

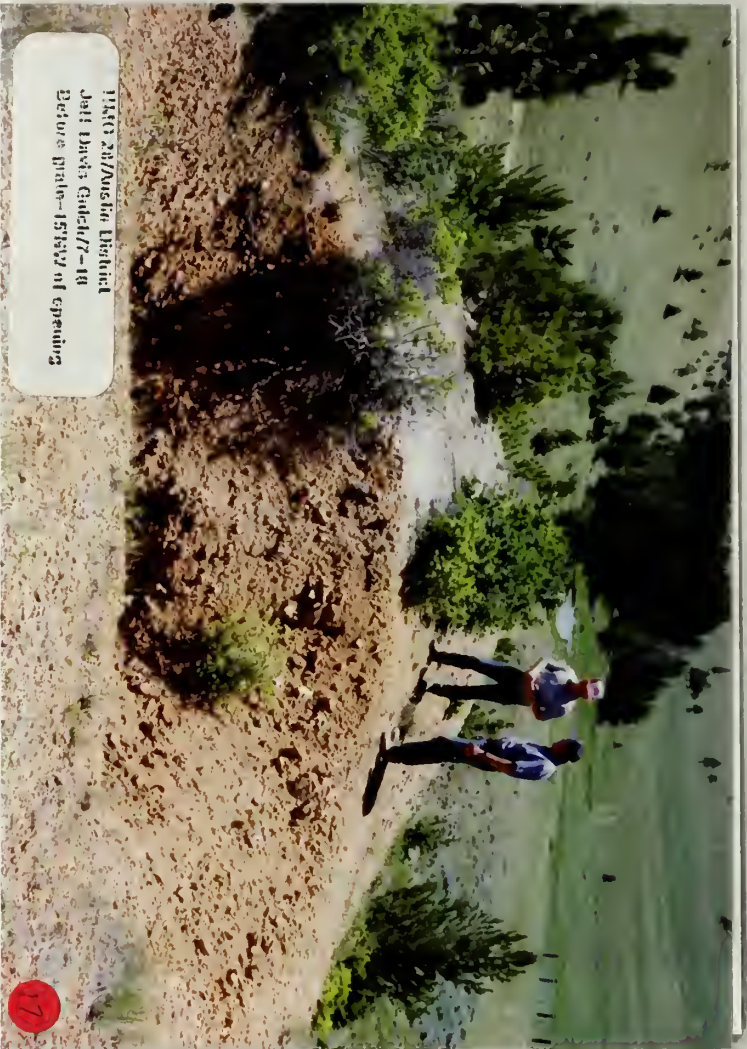
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HMO 28/Austin District  
East NW Sec. 5/8-7  
Installing Grate 20'N of opening

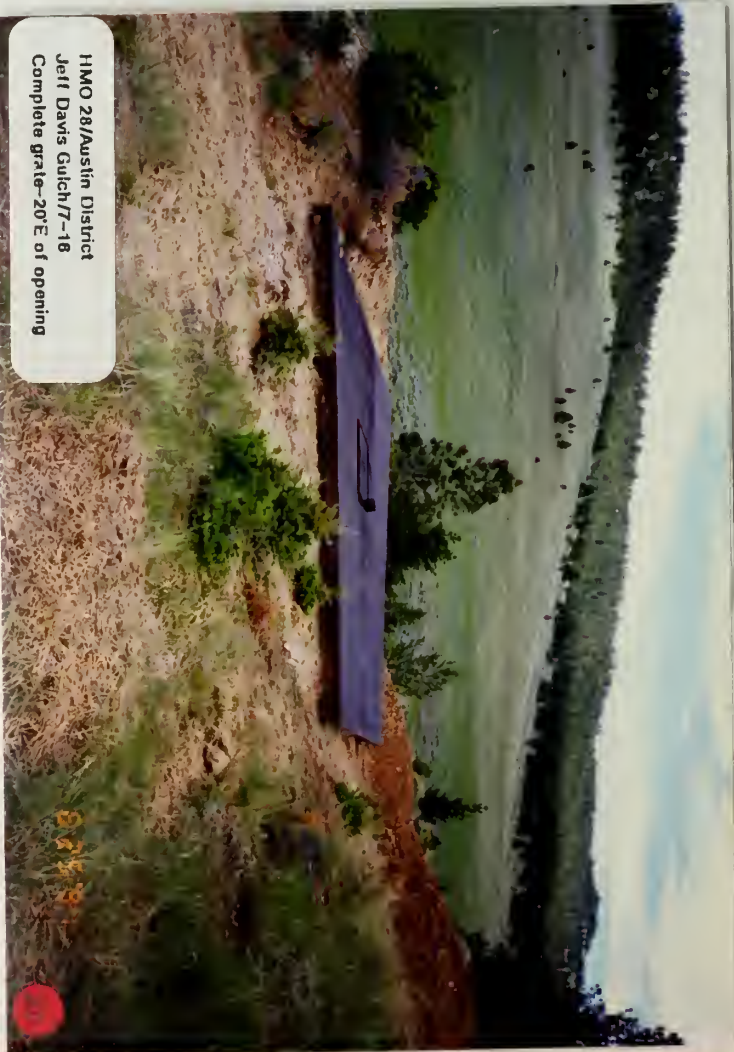
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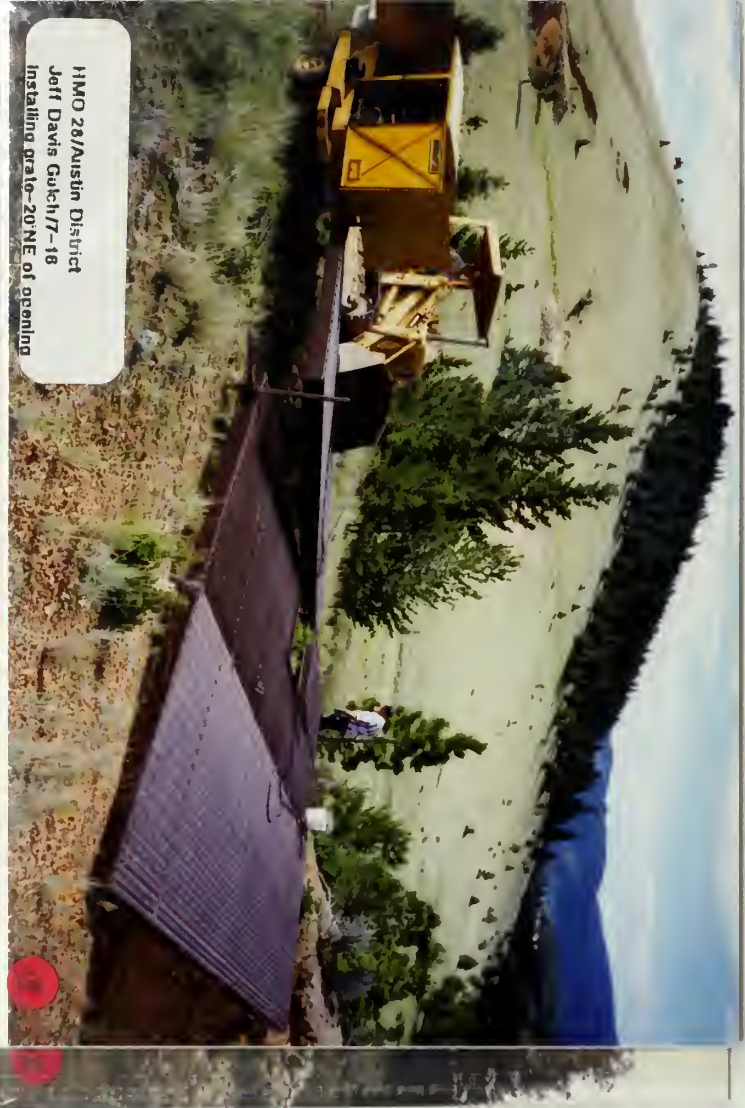
HMO 28/Austin District  
Jeff Davis Gulch/7-18  
Before gate-15'x22' of opening

17



HMO 28/Austin District  
Jeff Davis Gulch/7-18  
Complete gate-20'E of opening

18



HMO 28/Austin District  
Jeff Davis Gulch/7-18  
Installing gate-20'NE of opening

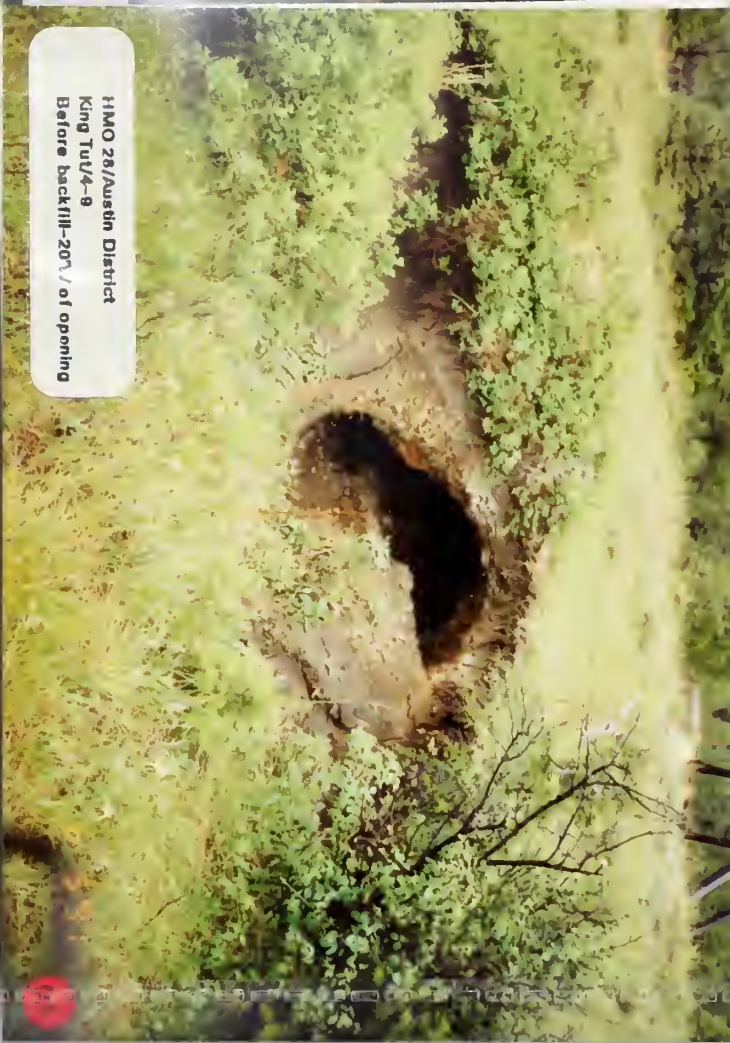
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HMO 28/Austin District  
Jeff Davis Gulch/7-18  
Installing gate-20'NE of opening

20

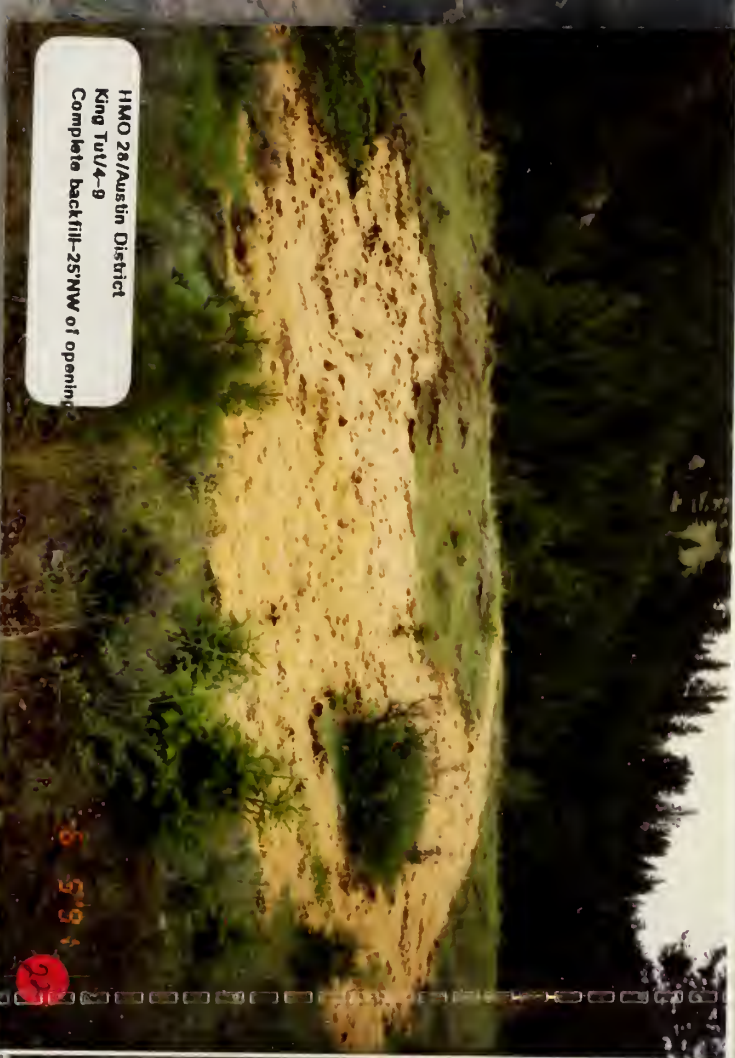




HMO 26/Austin District  
King TuU/4-8  
Before backfill-20' / of opening



HMO 26/Austin District  
King TuU/4-10  
Backfilling shaft-10'E of opening



HMO 26/Austin District  
King TuU/4-9  
Complete backfill-25'NW of opening



HMO 26/Austin District  
King TuU/4-10  
Before backfill-20'W of opening

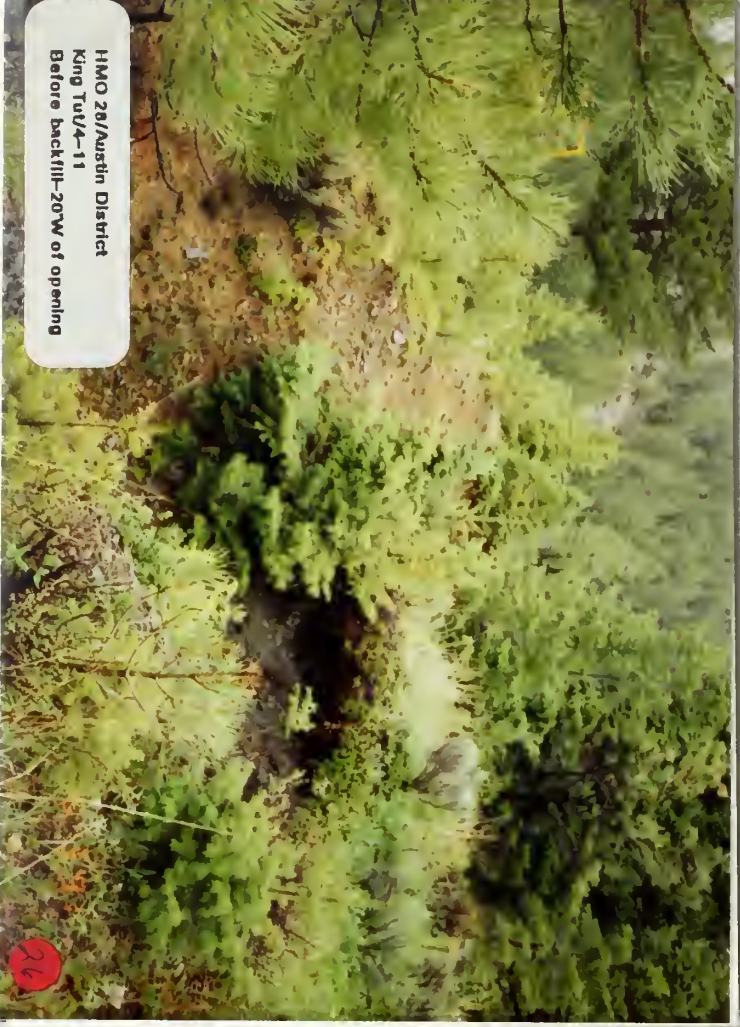




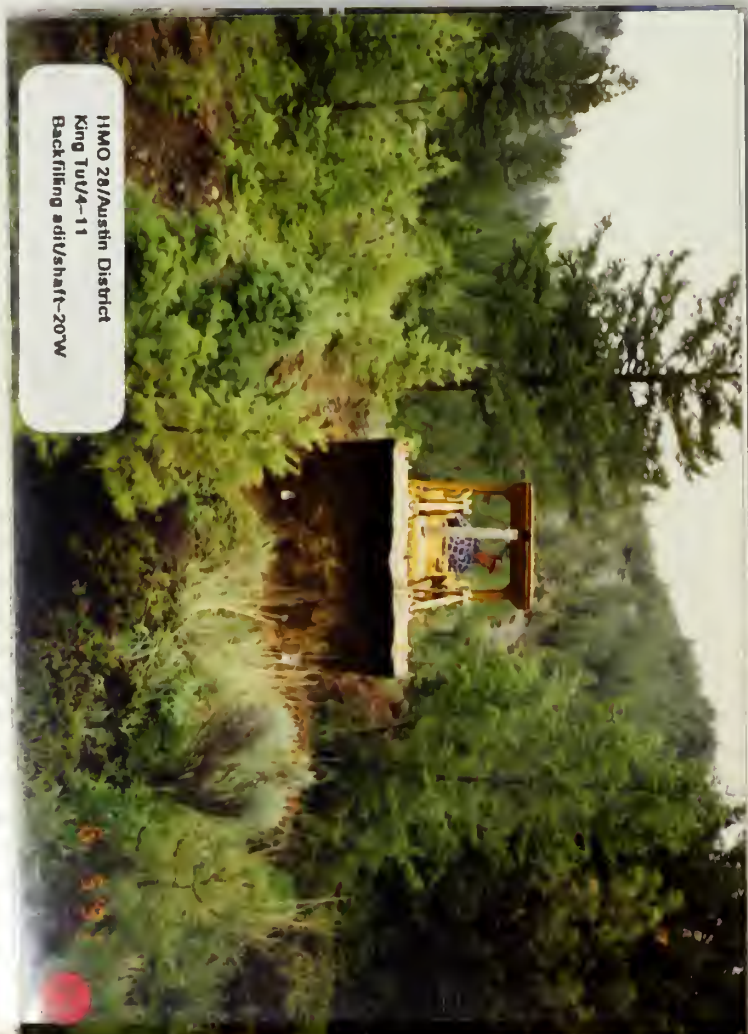
HMO 28/Austin District  
King Tu/4-10  
Completed backfill-15W of open



HMO 28/Austin District  
King Tu/4-11  
Seeding & Fertilizing-20E of open



HMO 28/Austin District  
King Tu/4-11  
Before backfill-20W of opening

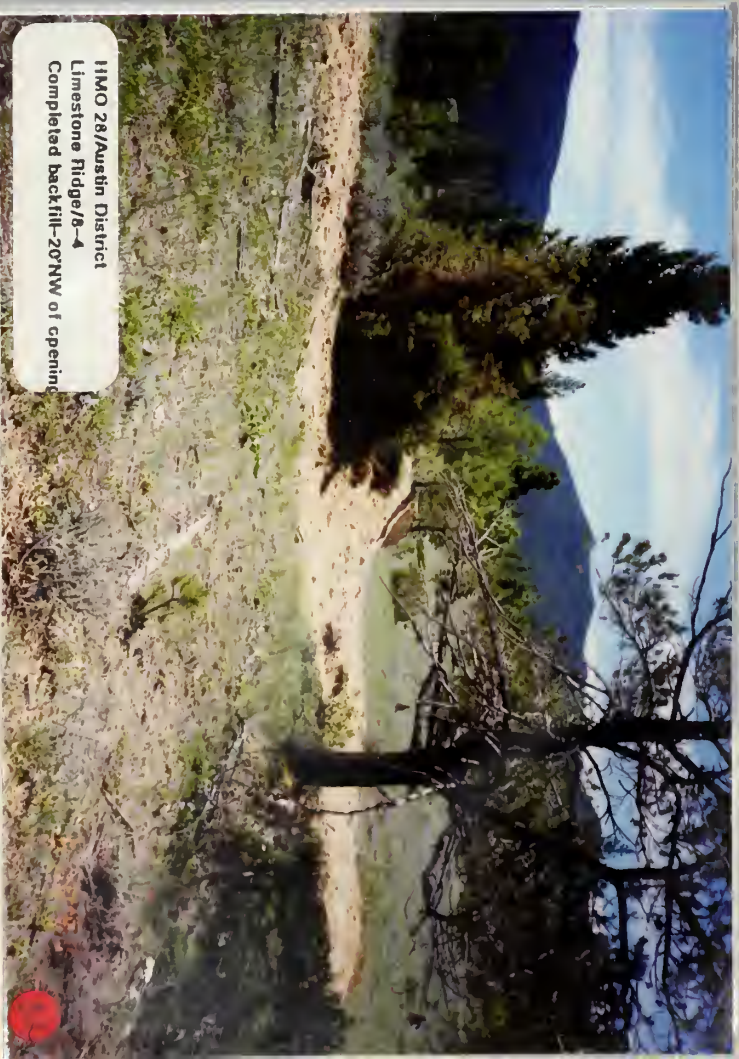


HMO 28/Austin District  
King Tu/4-11  
Backfilling edit/shaft-20W

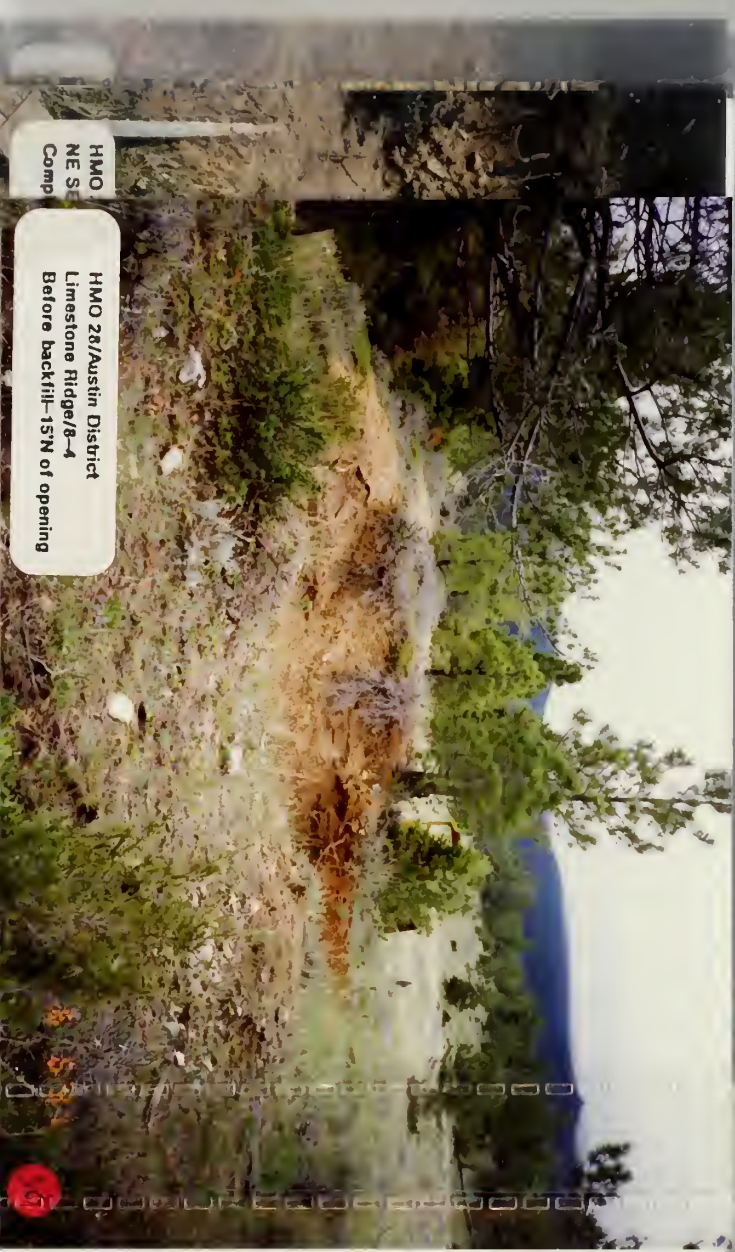




HMO 28/Austin District  
King Tut/4-11  
Completed backfill-20'E of opening



HMO 28/Austin District  
Limestone Ridge/8-4  
Completed backfill-20'NW of opening



HMO  
NE SE  
Comp

HMO 28/Austin District  
Limestone Ridge/8-4  
Before backfill-15'N of opening



HMO 28/Austin District  
Limestone Ridge/8-4  
Backfilling shaft-15'N of opening

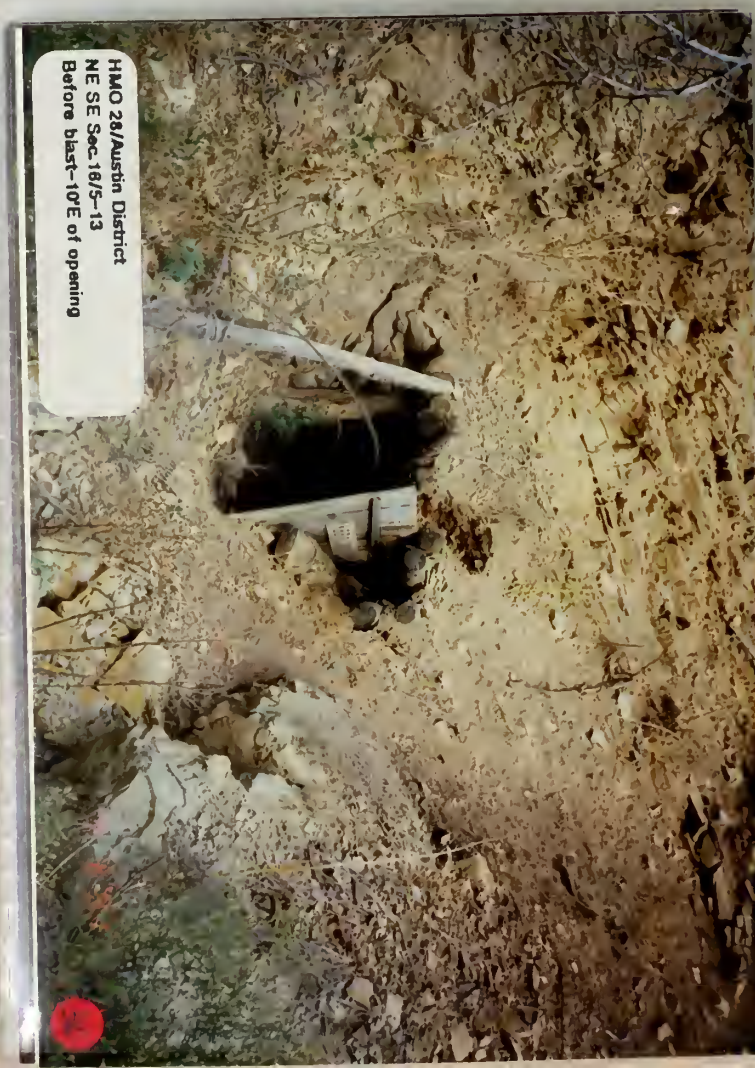




HMO 28/Austin District  
Little Valley/8-3  
Before backfill-20' W of opening



HMO 28/Austin District  
Little Valley/8-3  
Backfill complete-20'W of opening



HMO 28/Austin District  
NE SE Sec.16/5-13  
Before blast-10'E of opening



HMO 28/Austin District  
Little Valley/8-3  
Completed backfill-20'W of opening

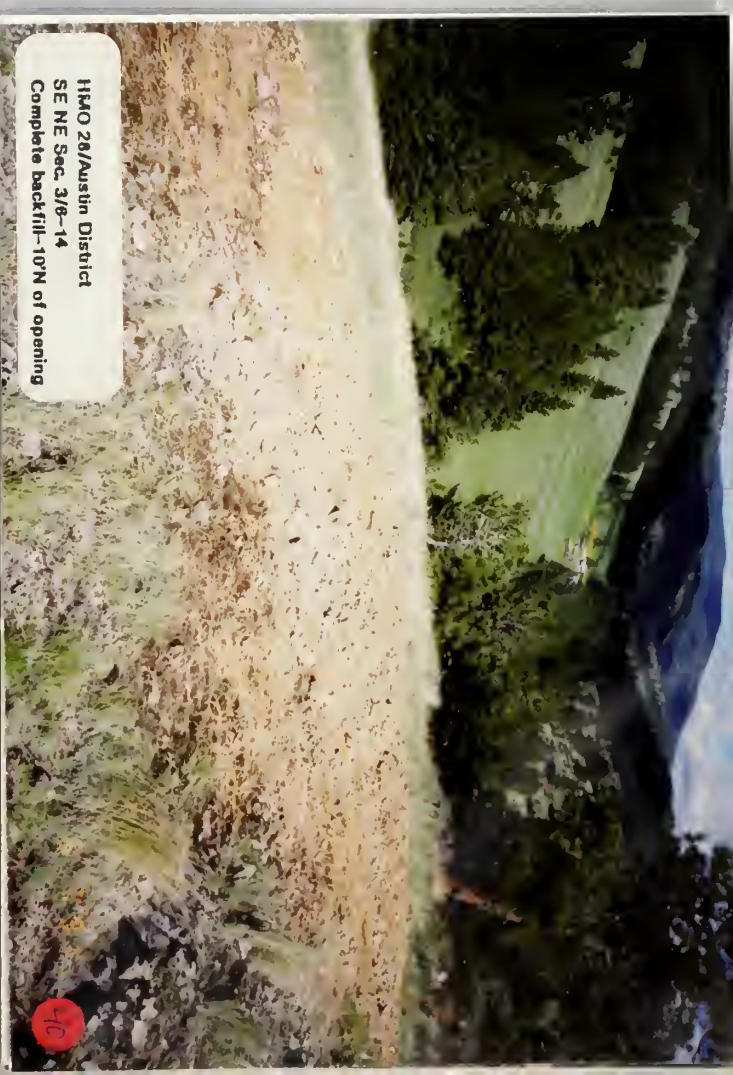




HMO 28/Austin District  
NE SE Sec. 16/5-13  
Collapsing adit-10'E of opening



HMO 28/Austin District  
NE SE Sec. 16/5-13  
Complete blast-10'E of opening



HMO 28/Austin District  
SE NE Sec. 3/8-14  
Complete backfill-10'N of opening

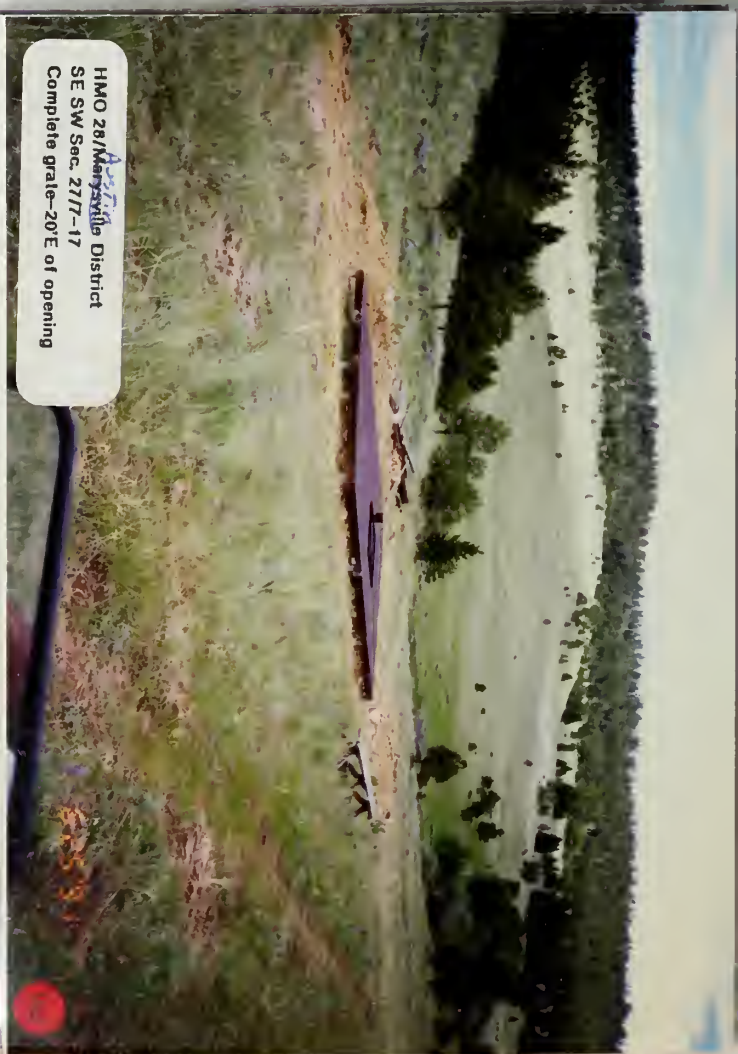


HMO 28/Austin District  
SE NE Sec. 3/8-14  
Before backfill-10'N of opening





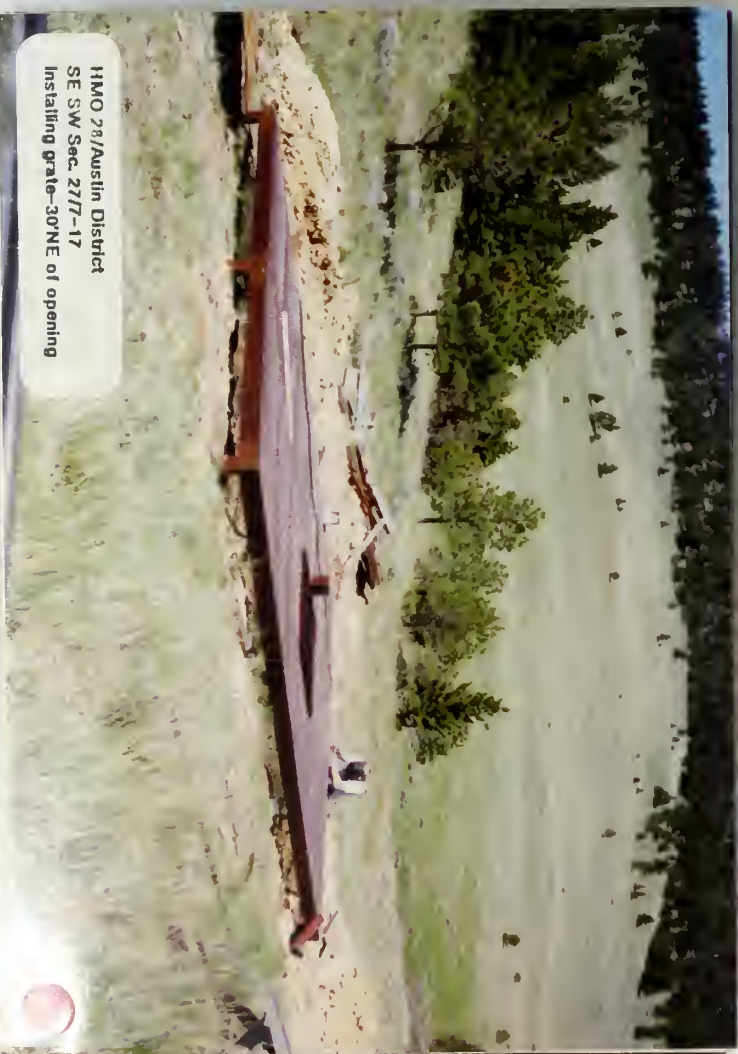
HMO 28/Austin District  
SE NW Sec. 27/7-17  
24ft x 15ft grate-15ft E of opening



HMO 28/Marysville District  
SE SW Sec. 27/7-17  
Complete grate-20'E of opening



HMO 28/Austin District  
SE SW Sec. 27/7-17  
Removing timbers & headframe-  
20'NE of opening



HMO 28/Austin District  
SE SW Sec. 27/7-17  
Installing grate-30'NE of opening







HMO 28/Austin District  
Silver Gulch/8-21  
Before closure - 20' S of opening

45



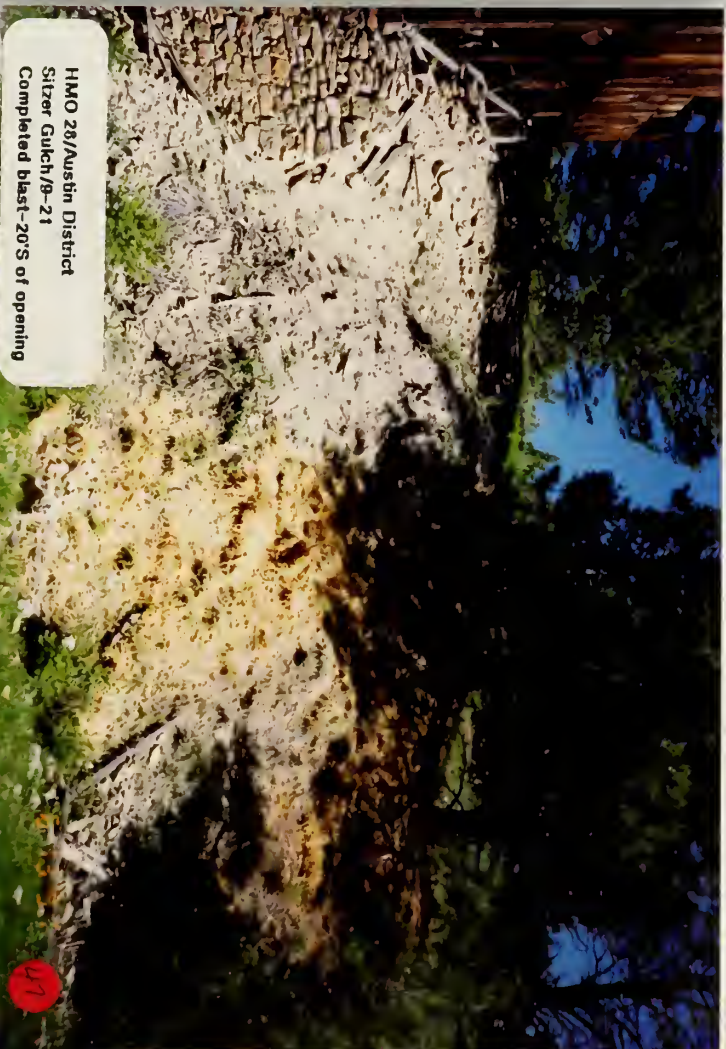
HMO 28/Austin District  
Silver Gulch/8-22  
Before grate - 10' E of opening

46



HMO 28/Austin District  
Silver Gulch/8-21  
During closure - 20' S of opening

47



HMO 28/Austin District  
Silver Gulch/8-21  
Completed blast - 20' S of opening

48





HMO 28/Austin District  
Sitzer Gulch/9-22  
Installing grate-30'NE of opening



HMO 28/Austin District  
Sitzer Gulch/9-22  
Installing grate-30'NE of opening



HMO 28/Austin District  
Sitzer Gulch/9-22  
Concreting Grate - 40' N of opening



HMO 28/Austin District  
Sitzer Gulch/9-22  
Installing grate-40' N of opening

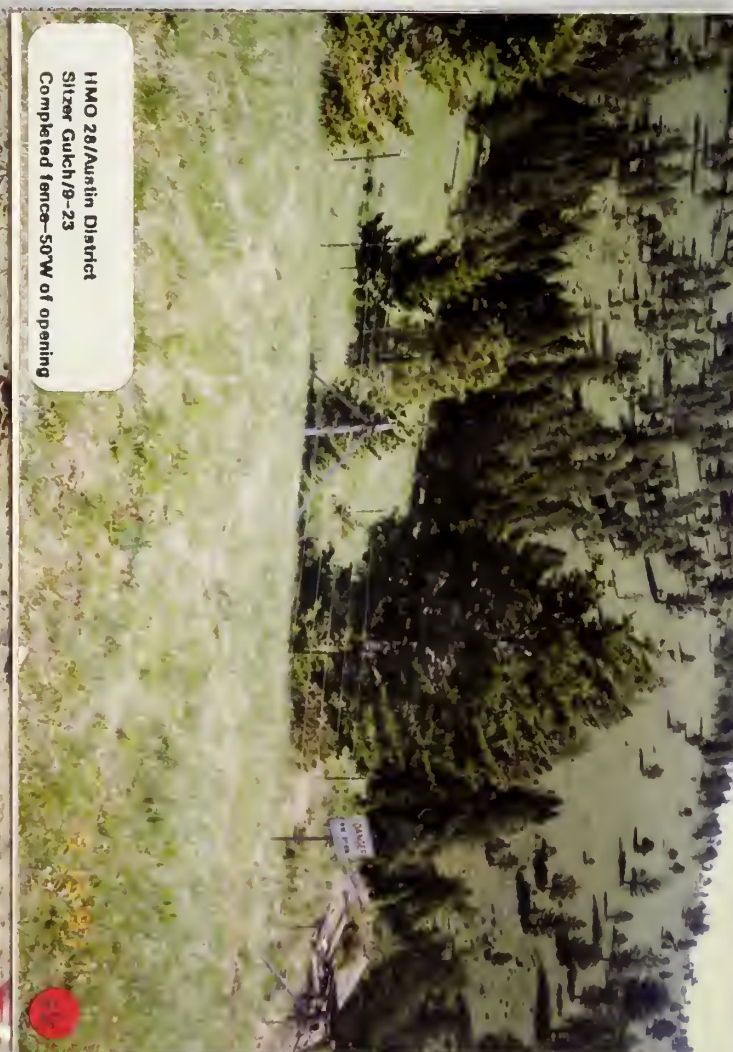






HMO 26/Austin District  
Sitzer Gulch/8-22  
Completed grate-30'E of opening

53



HMO 26/Austin District  
Sitzer Gulch/8-23  
Completed fence-50'W of opening

54



HMO 26/Austin District  
Sitzer Gulch/8-23  
Before fence - 15' W of opening

54

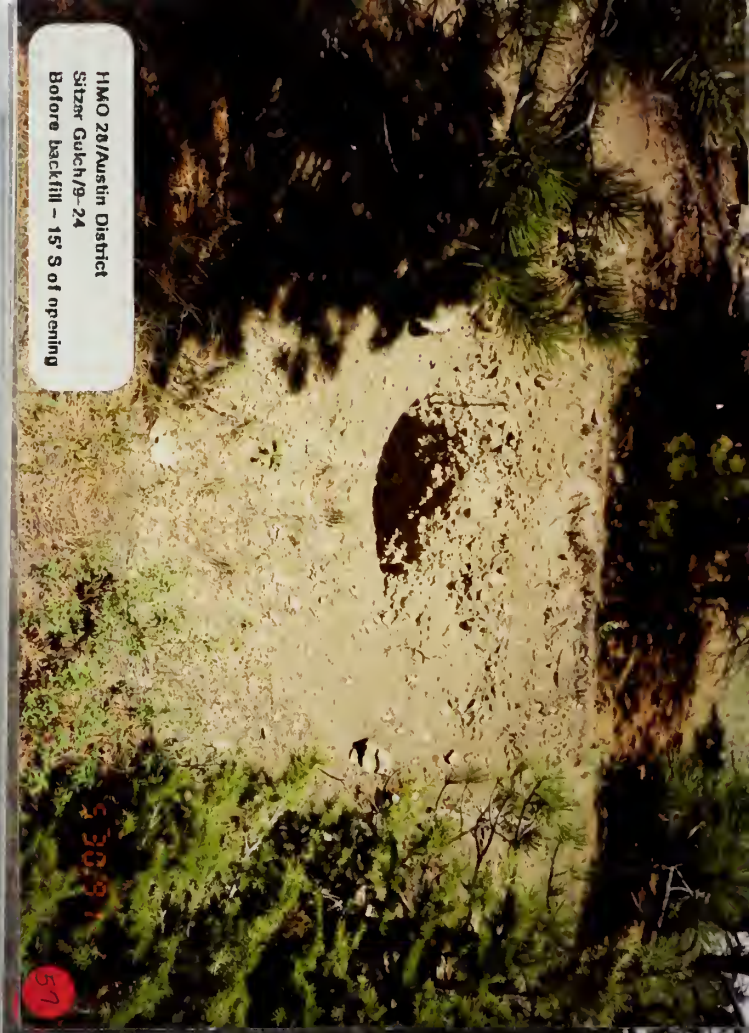


HMO 26/Austin District  
Sitzer Gulch/8-23  
Pouring concrete - 15' S of opening

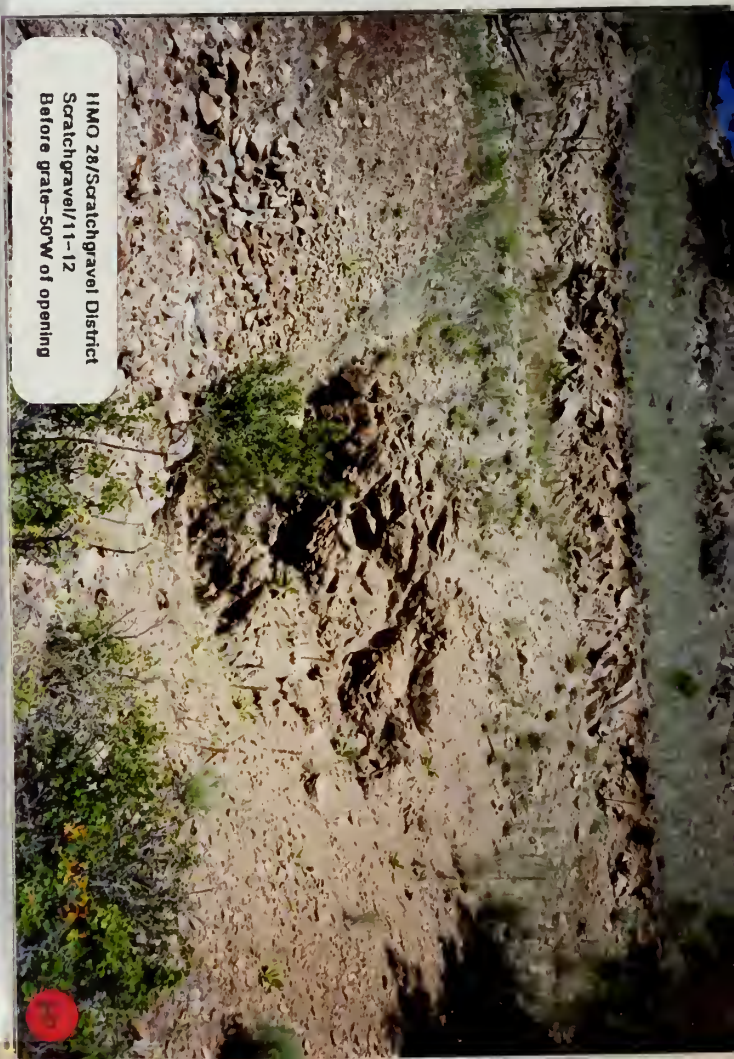
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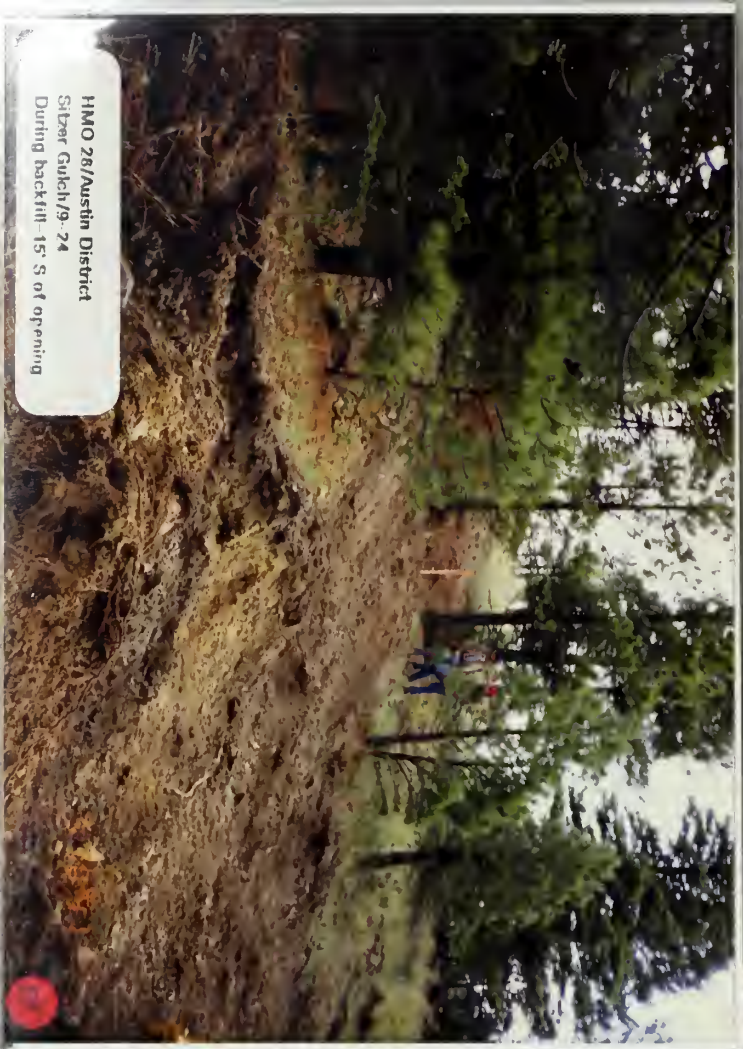
HMO 28/Austin District  
Sitzer Gulch/9-24  
Before backfill - 15' S of opening



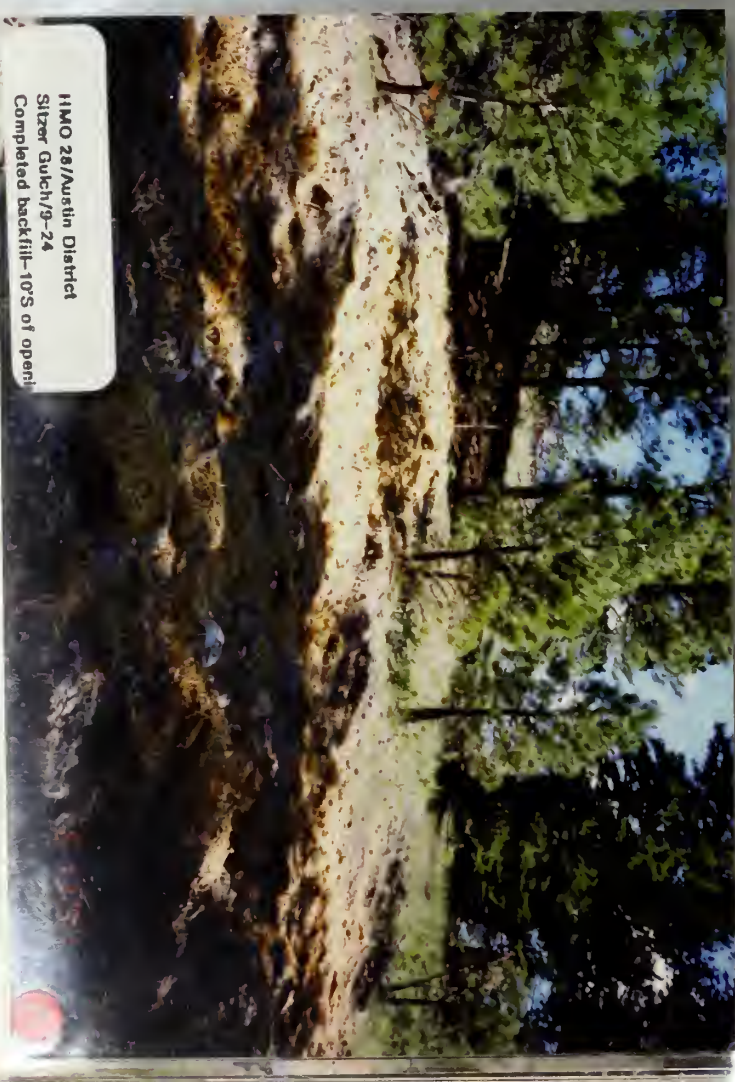
HMO 28/Scatchgravel District  
Scatchgravel/11-12  
Before grate-50'W of opening



HMO 28/Austin District  
Sitzer Gulch/9-24  
During backfill - 15' S of opening



HMO 28/Austin District  
Sitzer Gulch/9-24  
Completed backfill-10' S of opening







HMO 28/Scratchgravel District  
Scratchgravel/11-12  
Installing grate-50W of opening

61



HMO 28/Austin District  
Spring Gulch/10-25  
Completed backfill-5'S of opening

62



HMO 28/Scratchgravel District  
Scratchgravel/11-12  
Completed grate-20W of opening

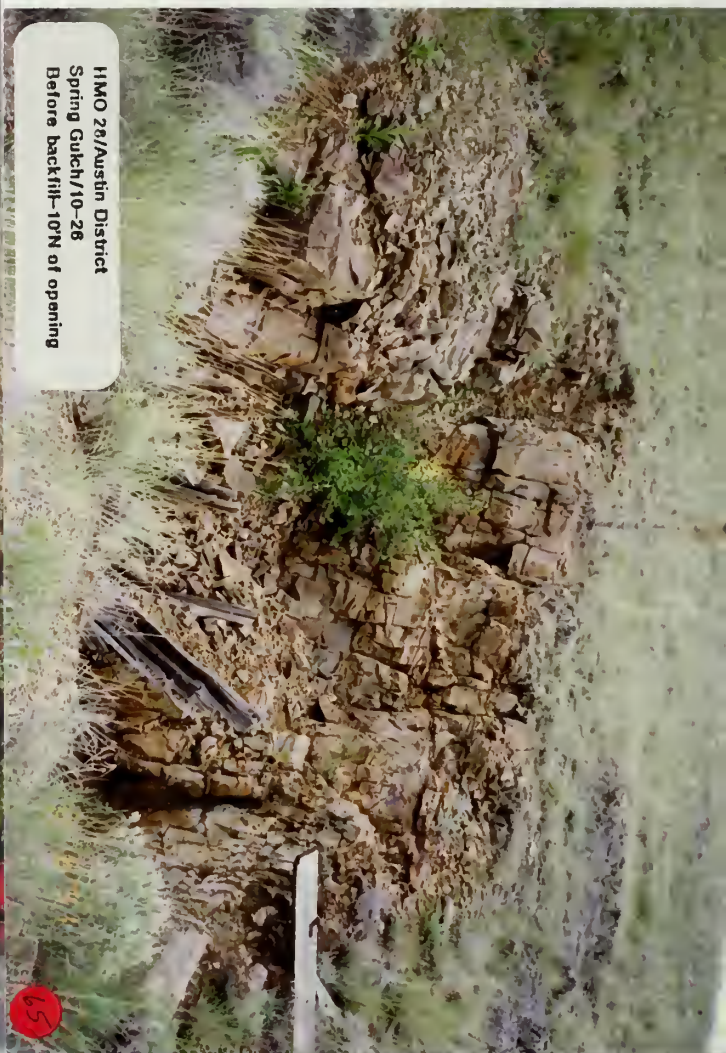
63



HMO 26/Austin District  
Spring Gulch/10-25  
Before backfill-10'S of opening

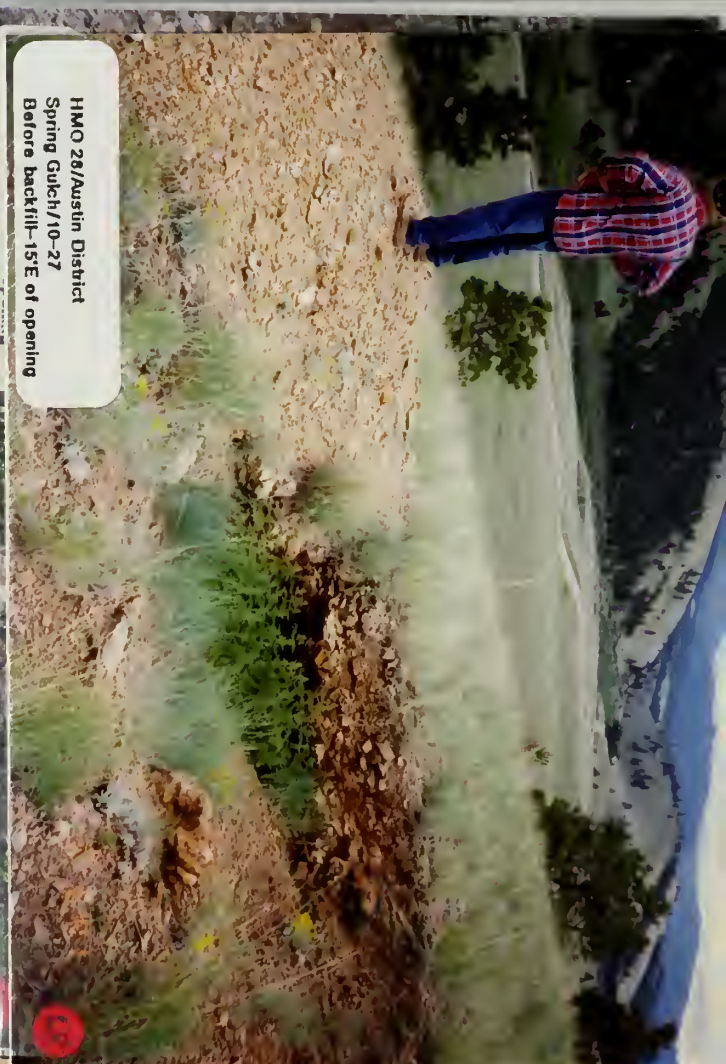
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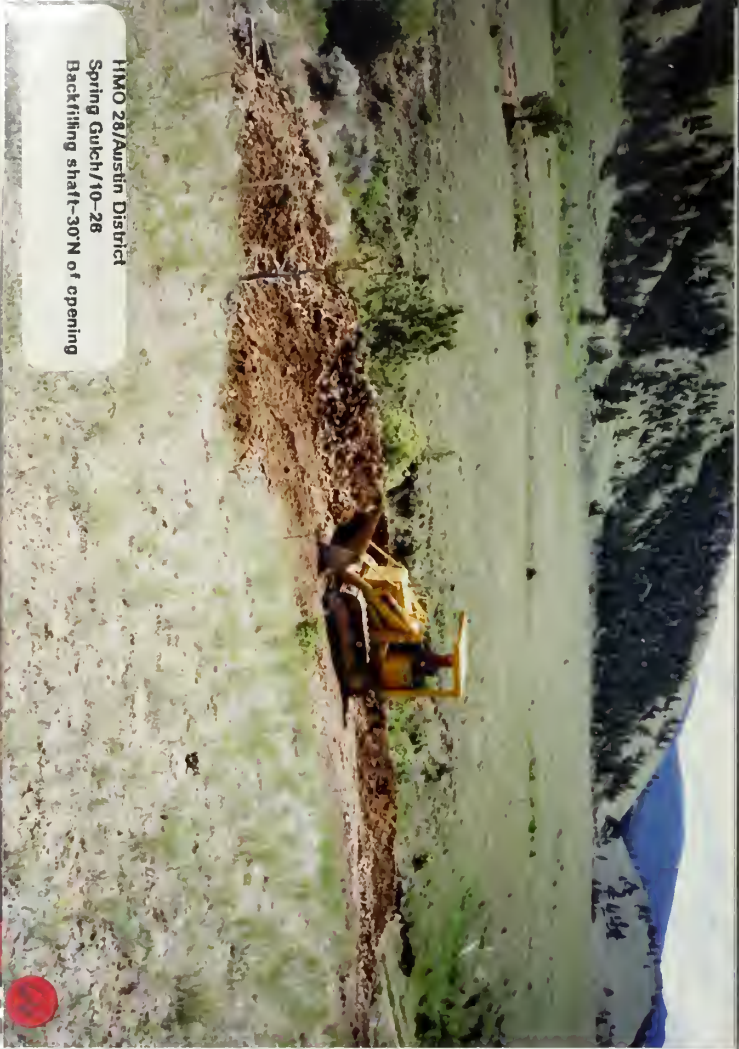
HMO 28/Austin District  
Spring Gulch/10-28  
Before backfill-10'N of opening

65

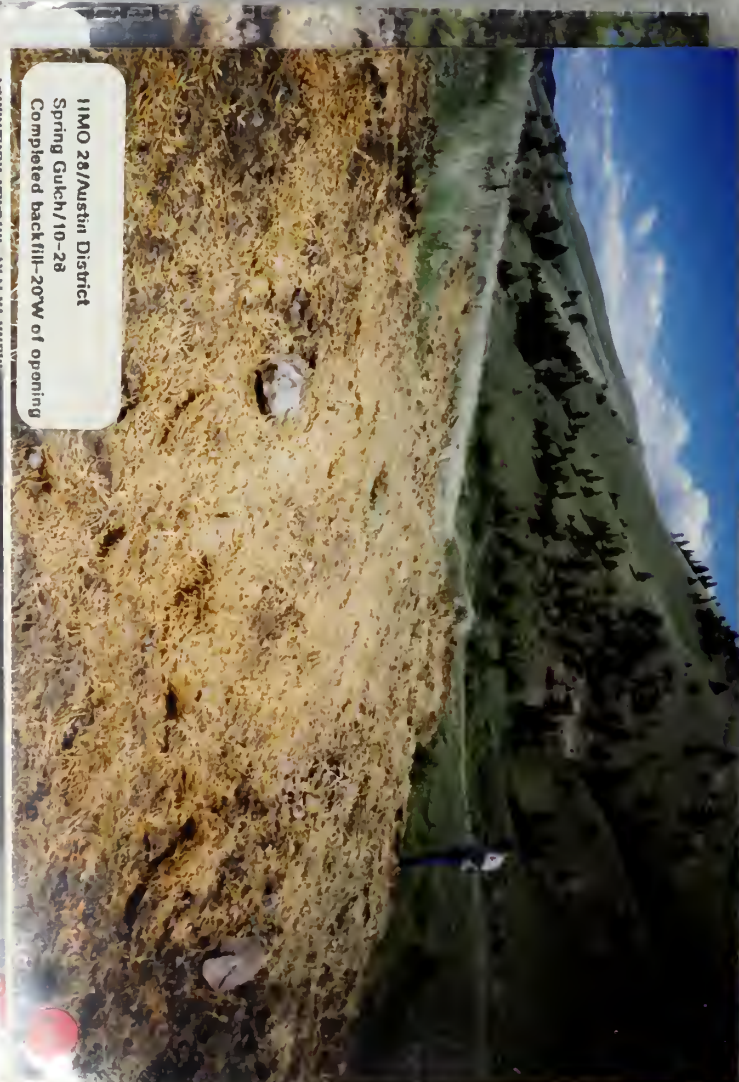


HMO 28/Austin District  
Spring Gulch/10-27  
Before backfill-15'E of opening

66



HMO 28/Austin District  
Spring Gulch/10-28  
Backfilling shaft-30'N of opening



HMO 28/Austin District  
Spring Gulch/10-28  
Completed backfill-20'W of opening

Completed backfill-20'W of opening

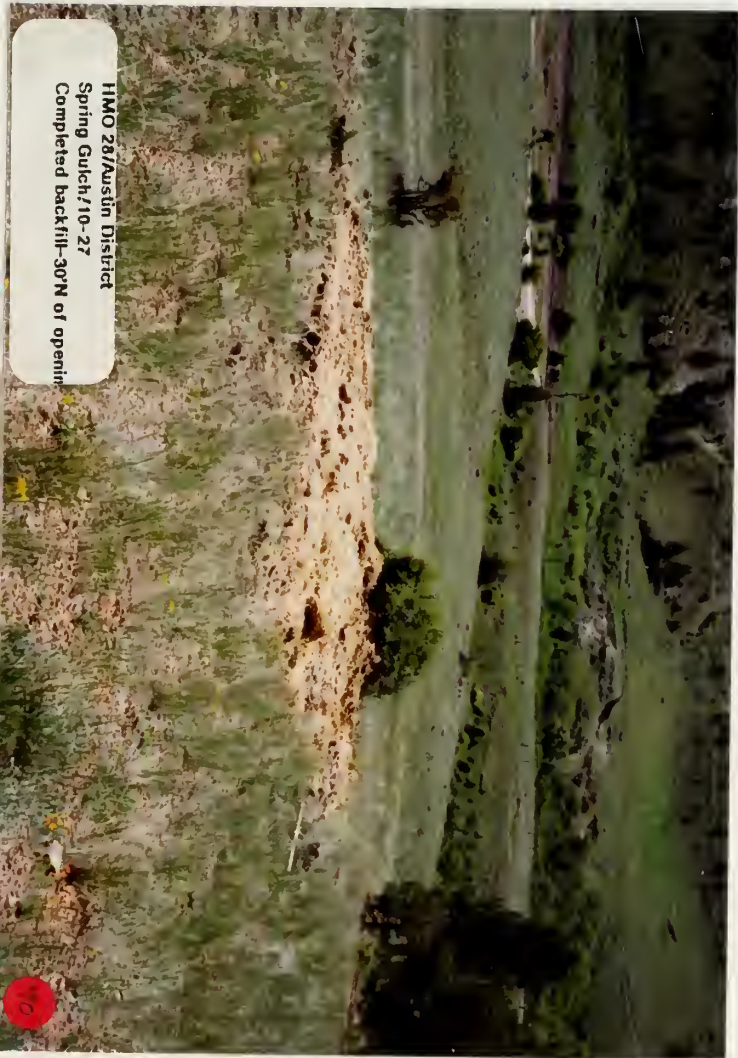
67





HMO 28/Austin District  
Spring Gulch/10-27  
Backfilling shaft-30'N of opening

169



HMO 28/Austin District  
Spring Gulch/10-27  
Completed backfill-30'N of opening

170



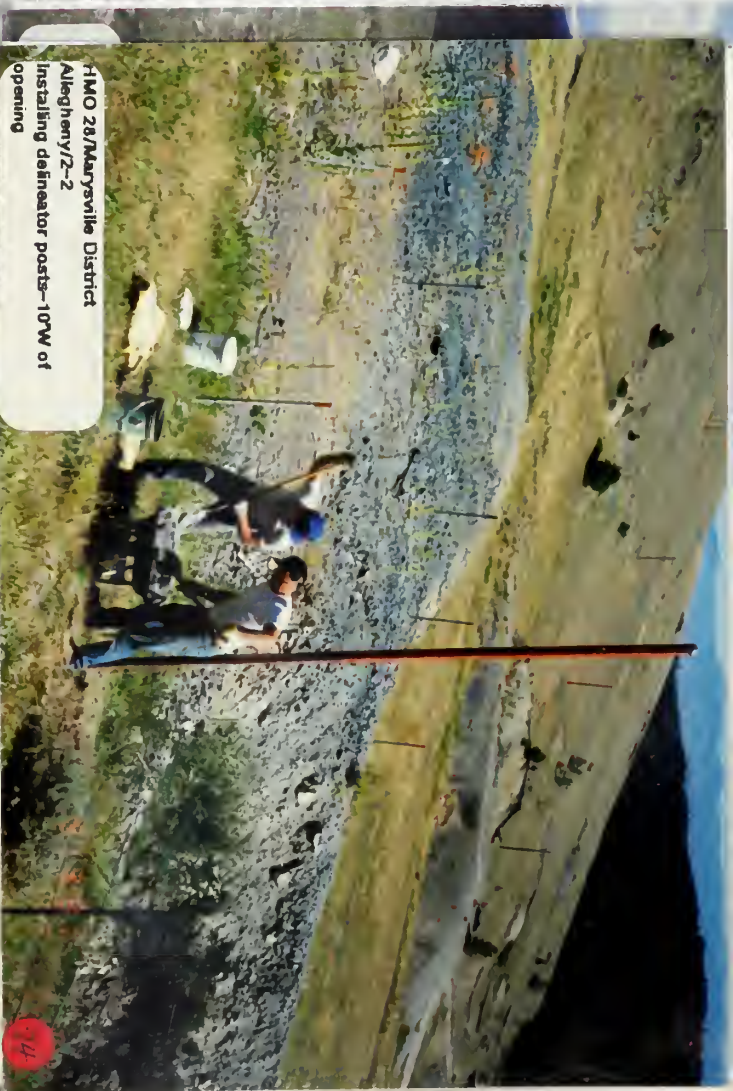
**Marysville District**



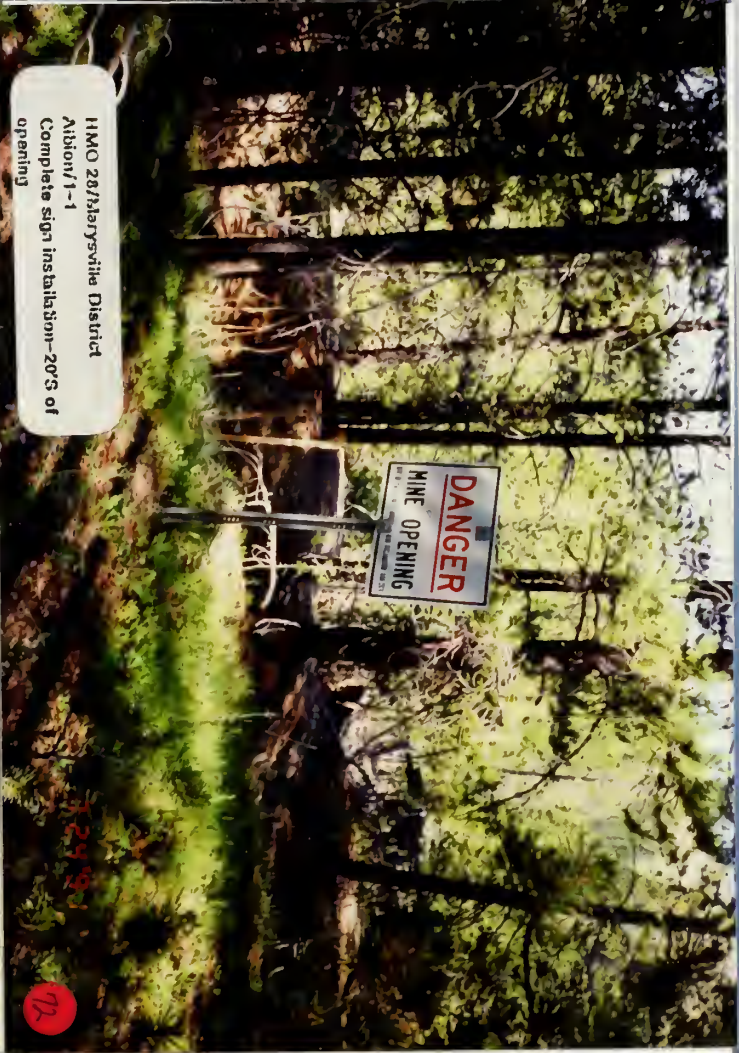




HMO 28/Marysville District  
Albion/1-1  
Before sign-10'S of opening



HMO 28/Marysville District  
Allegheny/2-2  
Installing delineator posts-10'W of opening



HMO 28/Marysville District  
Albion/1-1  
Complete sign installation-20'S of opening



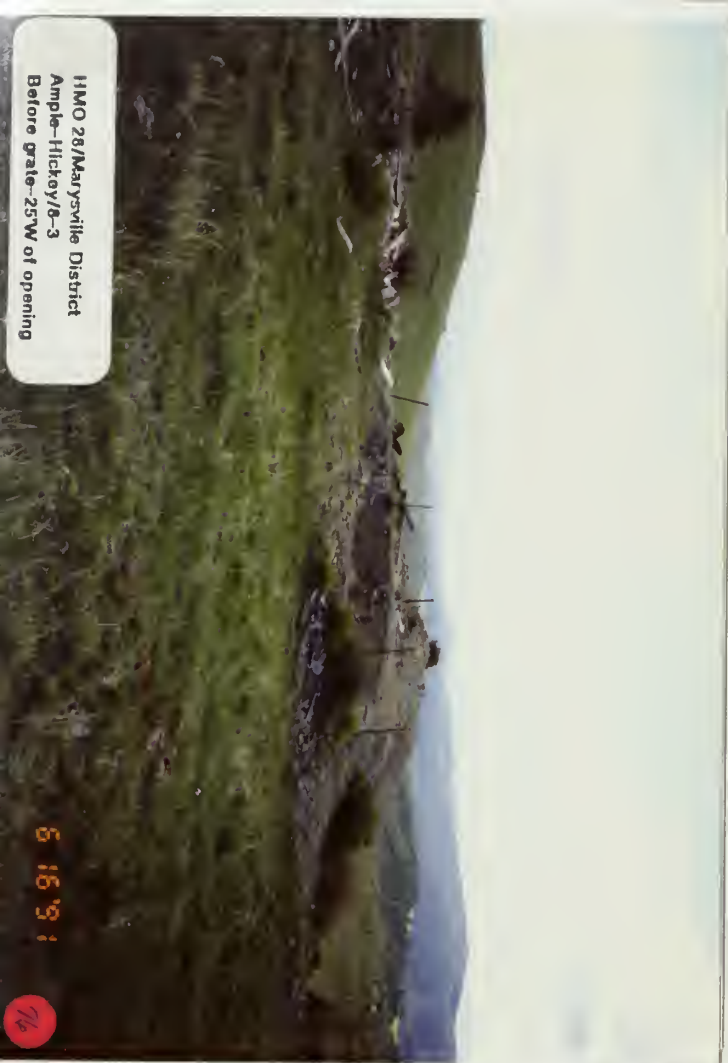
HMO 28/Marysville District  
Allegheny/2-2  
Before delineator posts-30'S of opening





HMO 28/Marysville District  
Allegheny/2-2  
Complete delineator posts-30' E of  
opening

75



HMO 28/Marysville District  
Ample-Hickey/8-3  
Before grate-25'W of opening

6 16 '9 1

76



HMO 28/Marysville District  
Ample Hickey/8-3  
Gap in grates

77



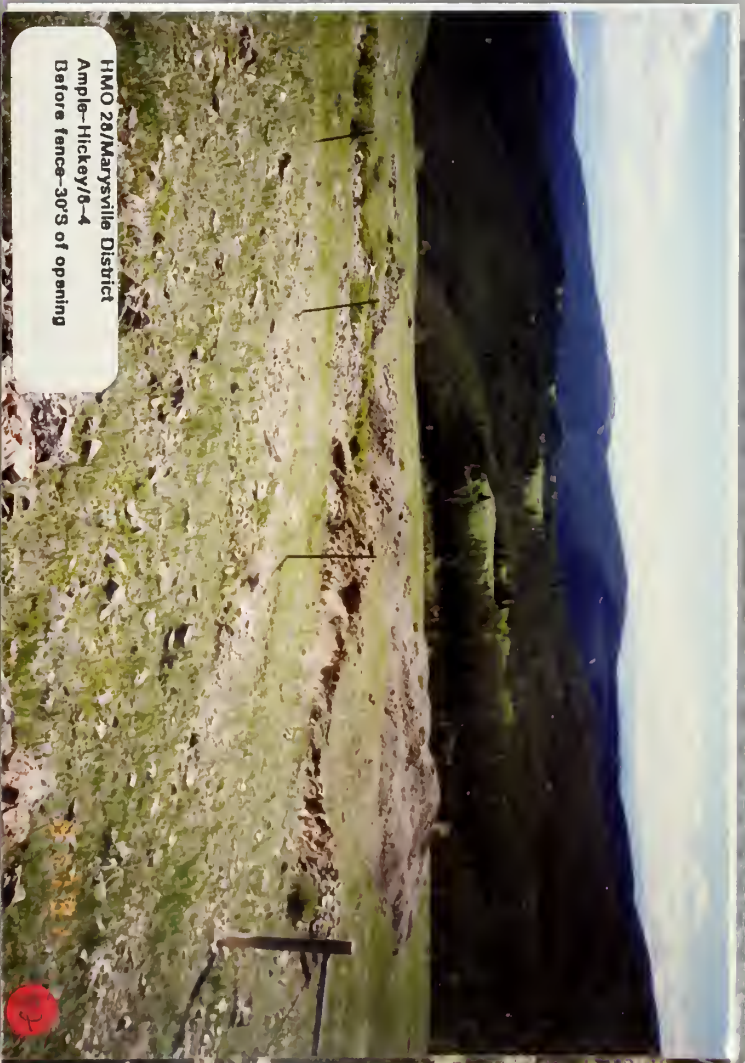
HMO 28/Marysville District  
Ample Hickey/8-3  
Installing grate-20' N of opening

78

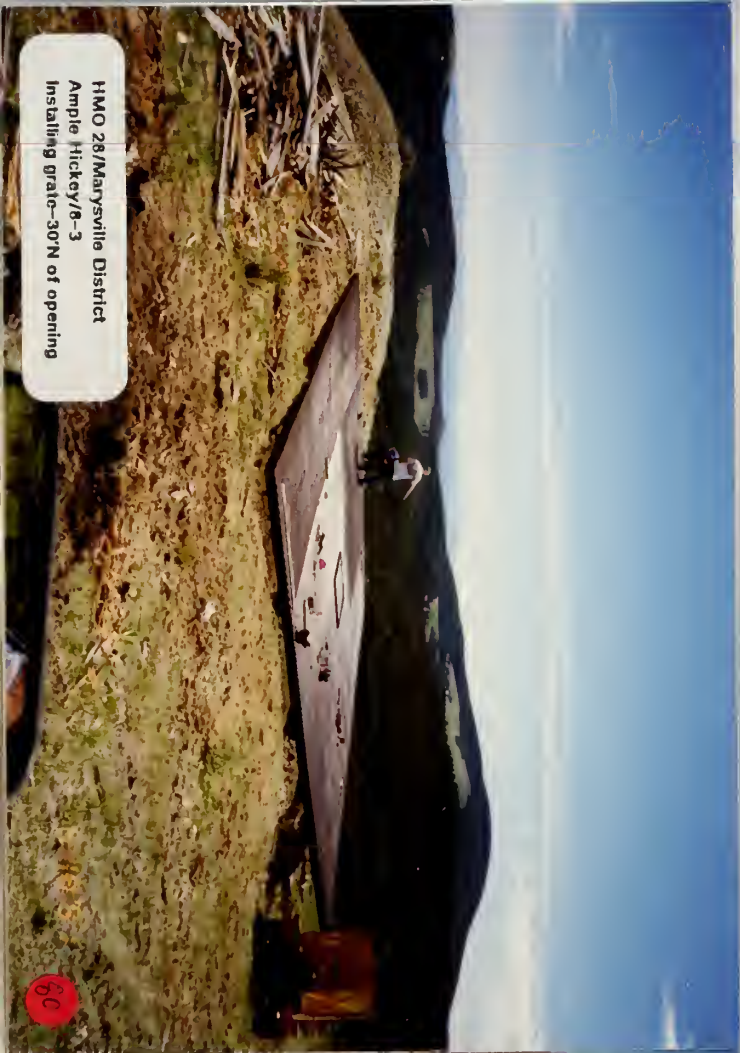




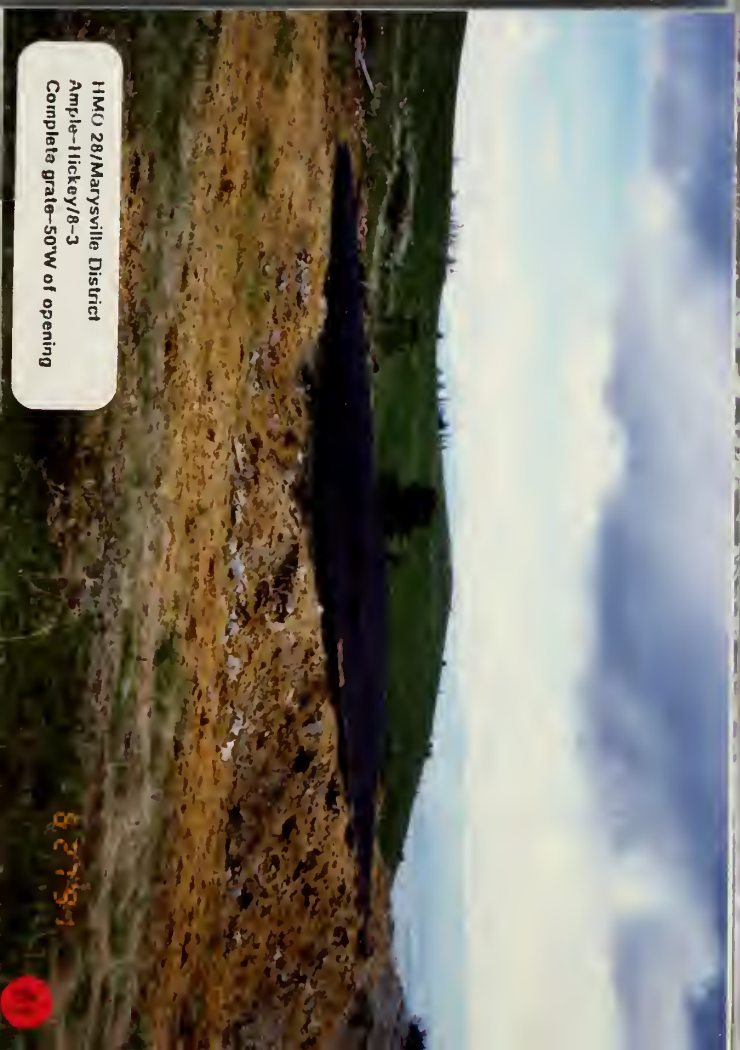
HMO 28/Marysville District  
Ample Hickey/8-3  
Gap in grates



HMO 28/Marysville District  
Ample-Hickey/8-4  
Before fence-30'S of opening

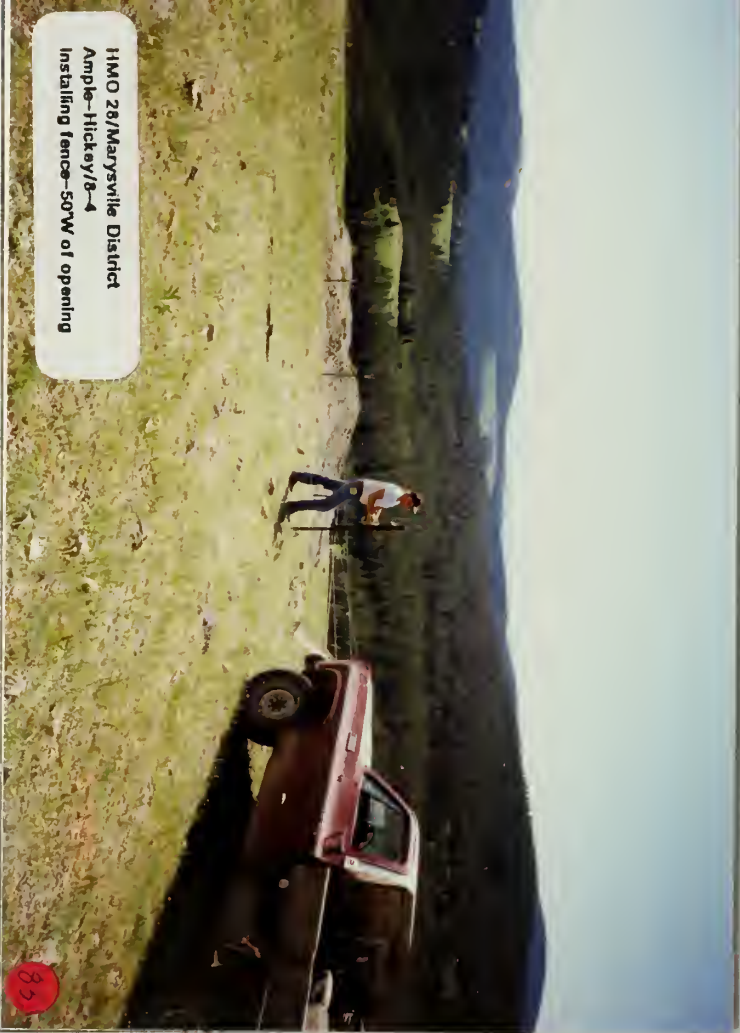


HMO 28/Marysville District  
Ample Hickey/8-3  
Installing grate-30'N of opening

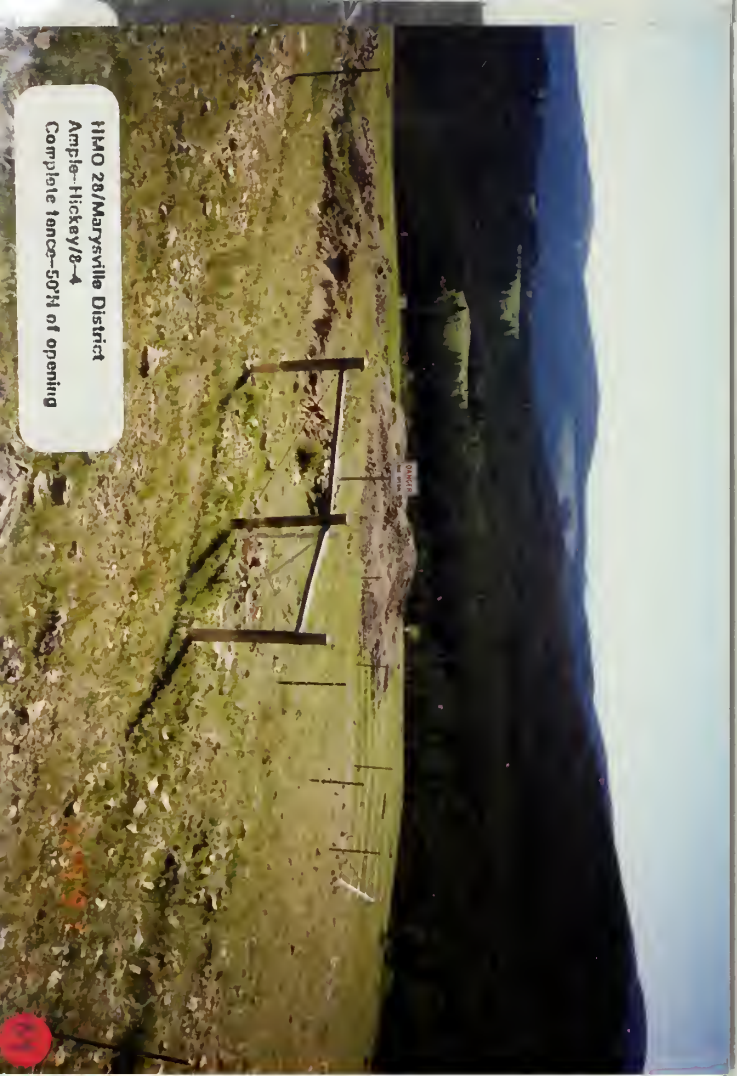


HMO 28/Marysville District  
Ample-Hickey/8-3  
Complete grate-50'W of opening

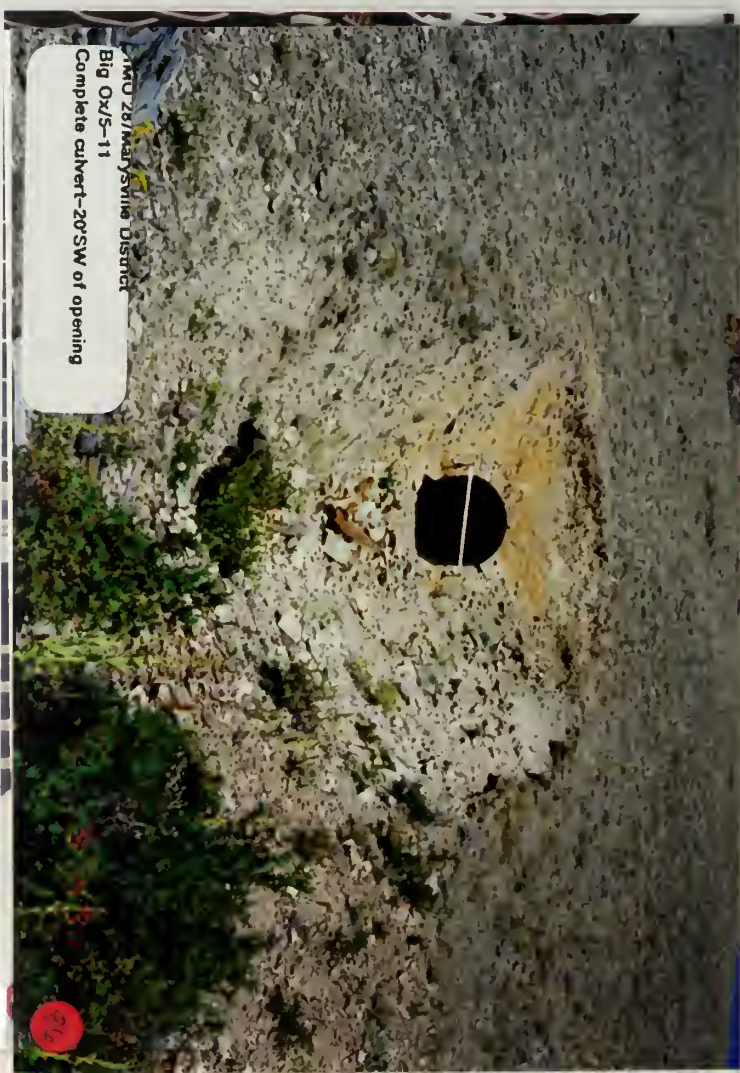




HMO 28/Marysville District  
Ample-Hickey/8-4  
Installing fence-SW of opening



HMO 28/Marysville District  
Ample-Hickey/8-4  
Complete fence-SW of opening

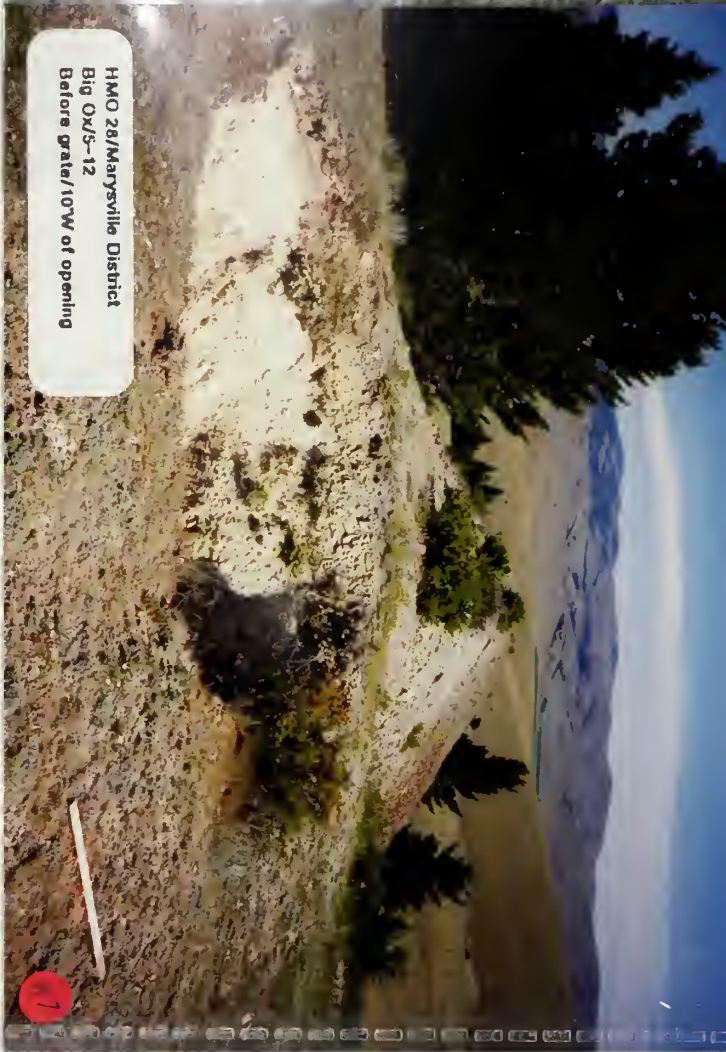


HMO 28/Marysville District  
Big Ox/5-11  
Complete culvert-20 SW of opening



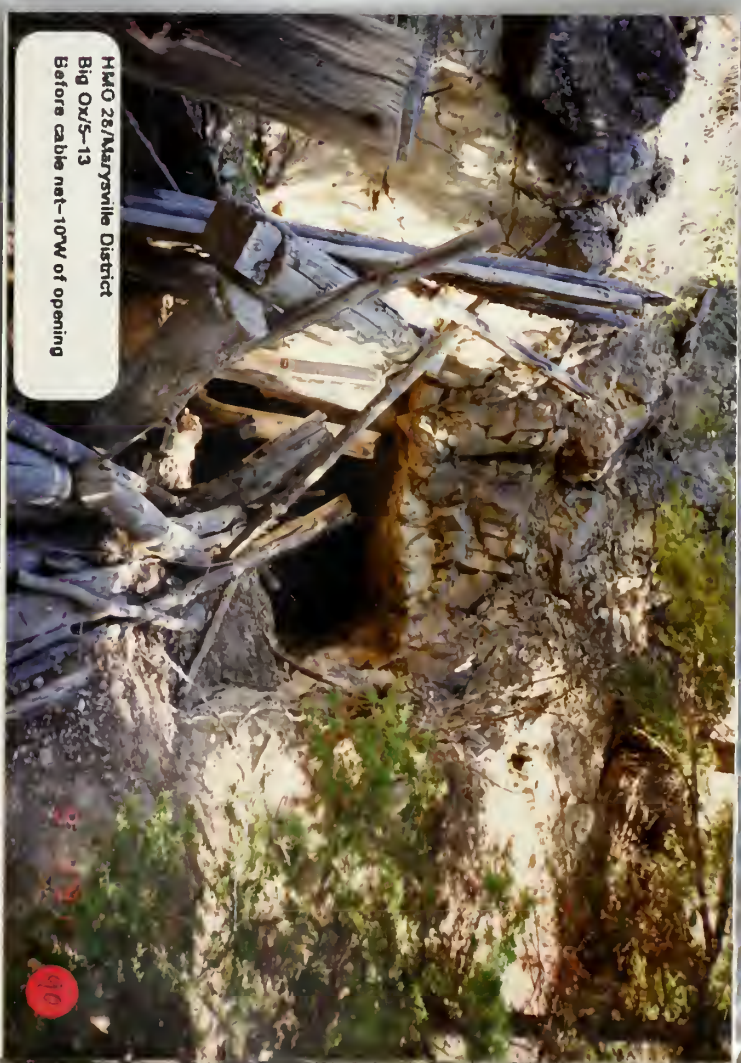
HMO 28/Marysville District  
Big Ox/5-11  
Before culvert/10 S of opening





HMO 28/Marysville District  
Big Ox/5-12  
Before grate/10'W of opening

1



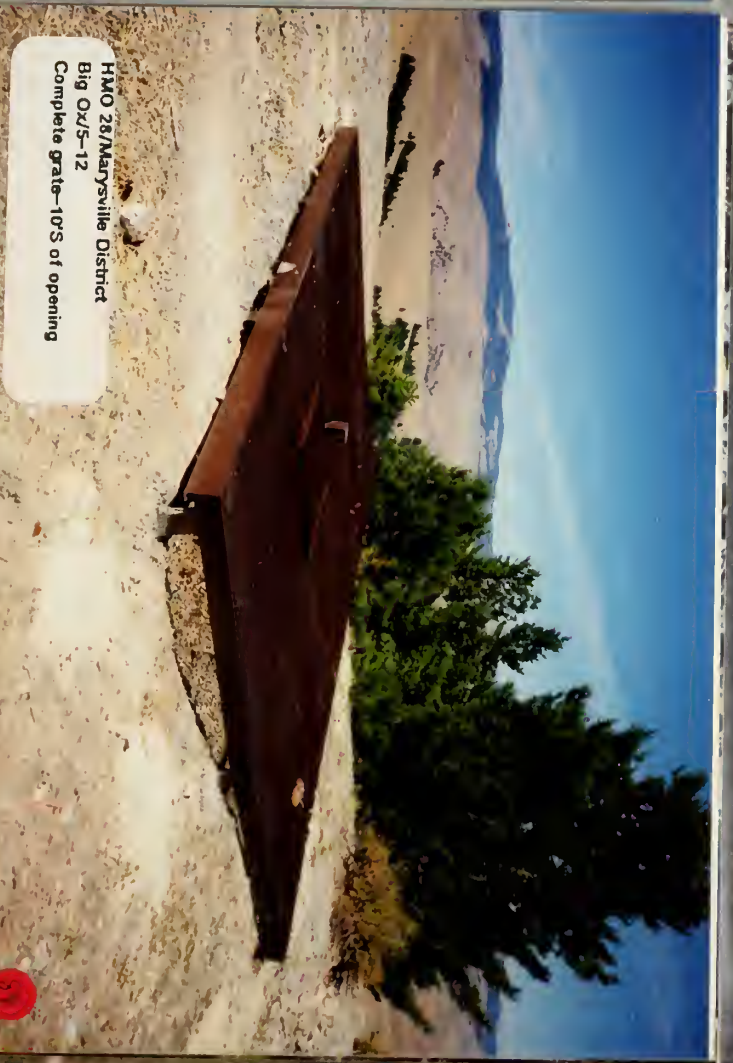
HMO 28/Marysville District  
Big Ox/5-13  
Before cable net-10'W of opening

2



HMO 28/Marysville District  
Big Ox/5-12  
Installing grate/15'W of opening

3



HMO 28/Marysville District  
Big Ox/5-12  
Complete grate-10'S of opening

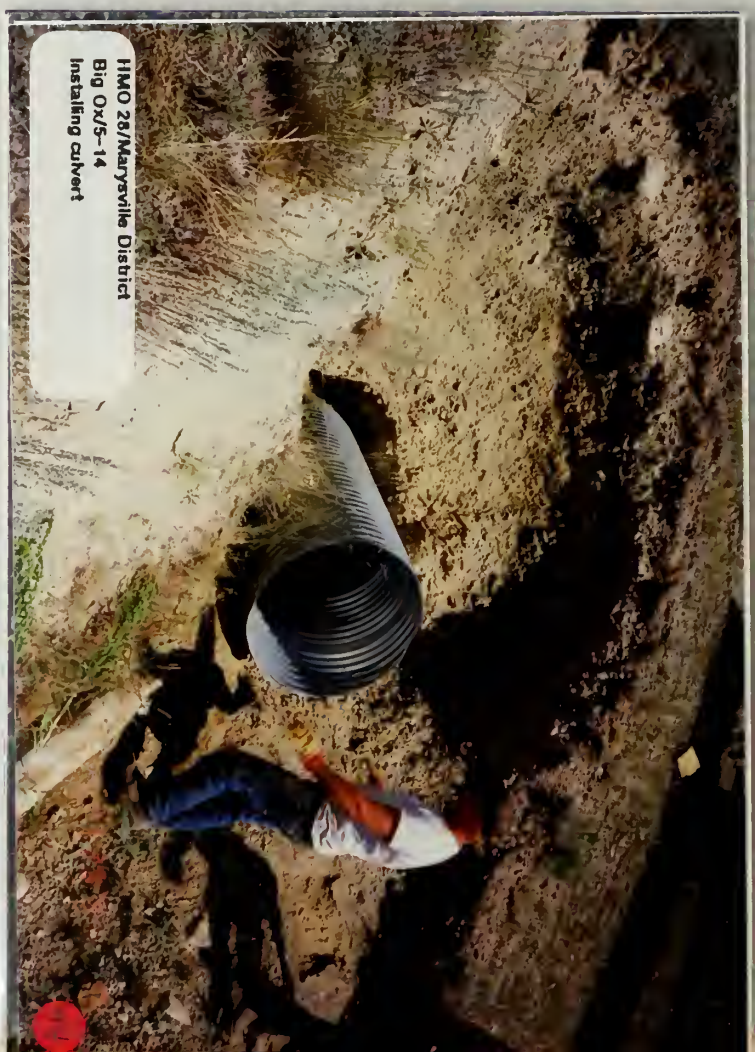
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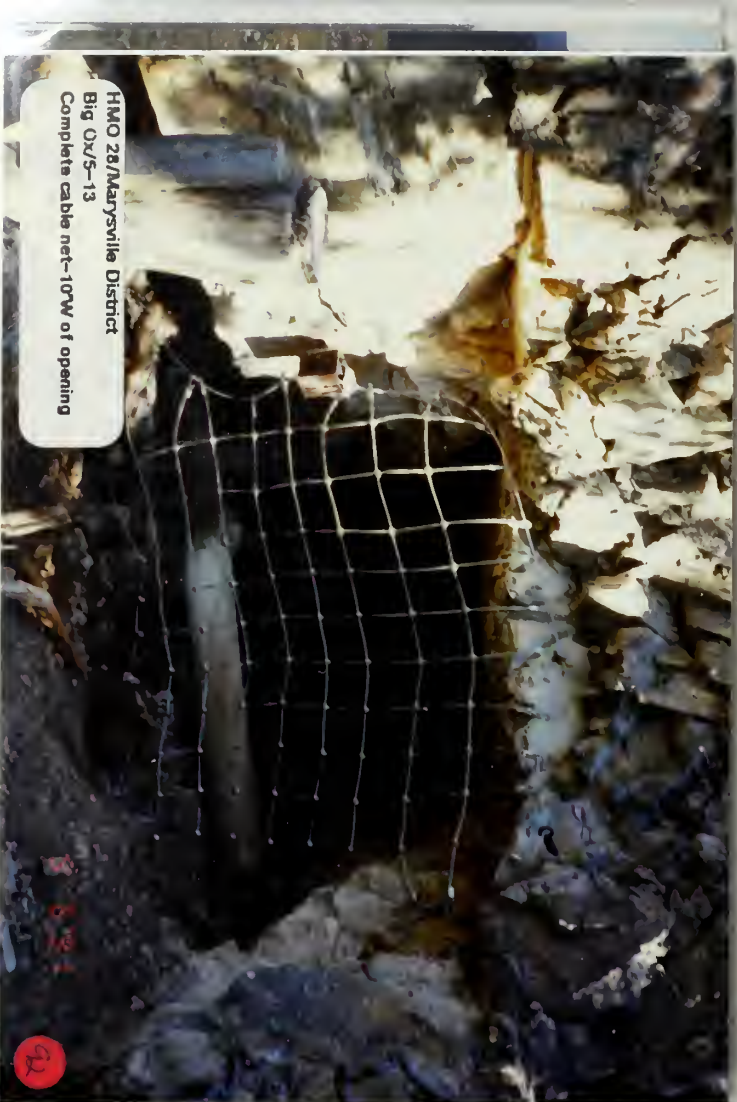
HMO 26/Marysville District  
Big Ox/5-13  
Installing culvert-10'W of opening

91



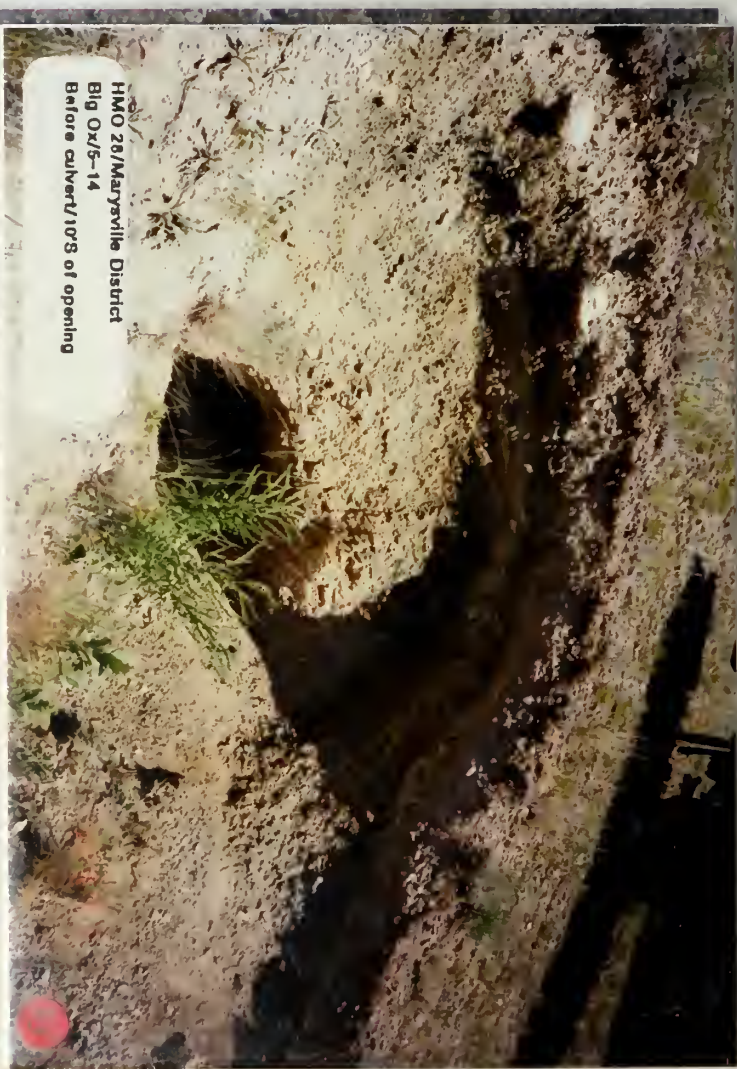
HMO 26/Marysville District  
Big Ox/5-14  
Installing culvert

92



HMO 26/Marysville District  
Big Ox/5-13  
Complete cable net-10'W of opening

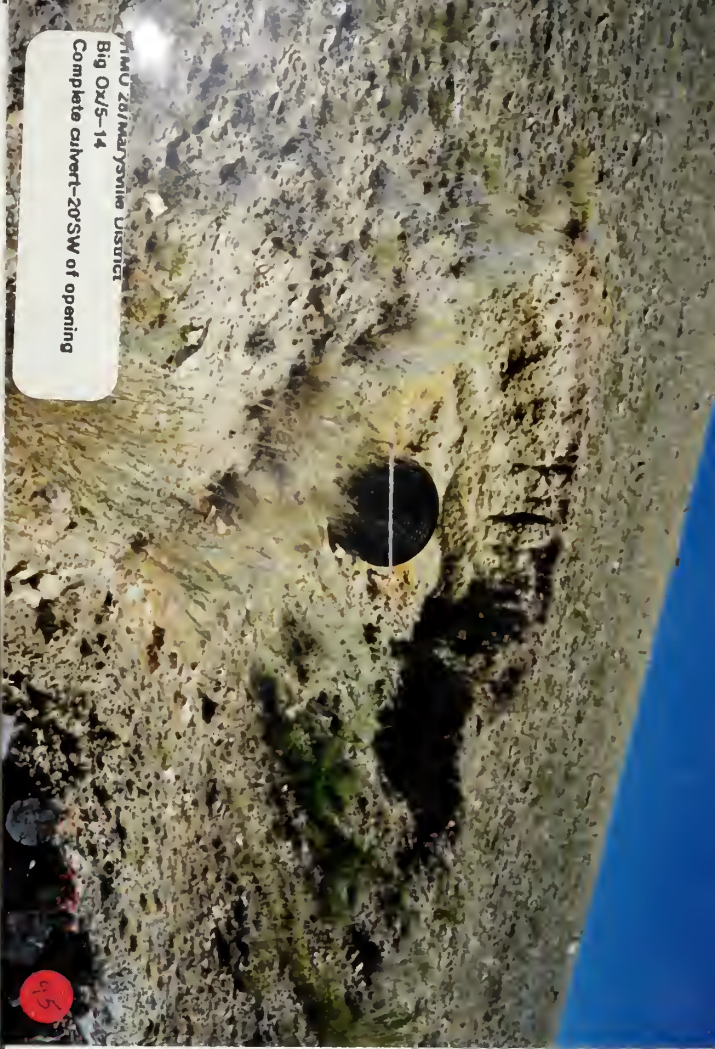
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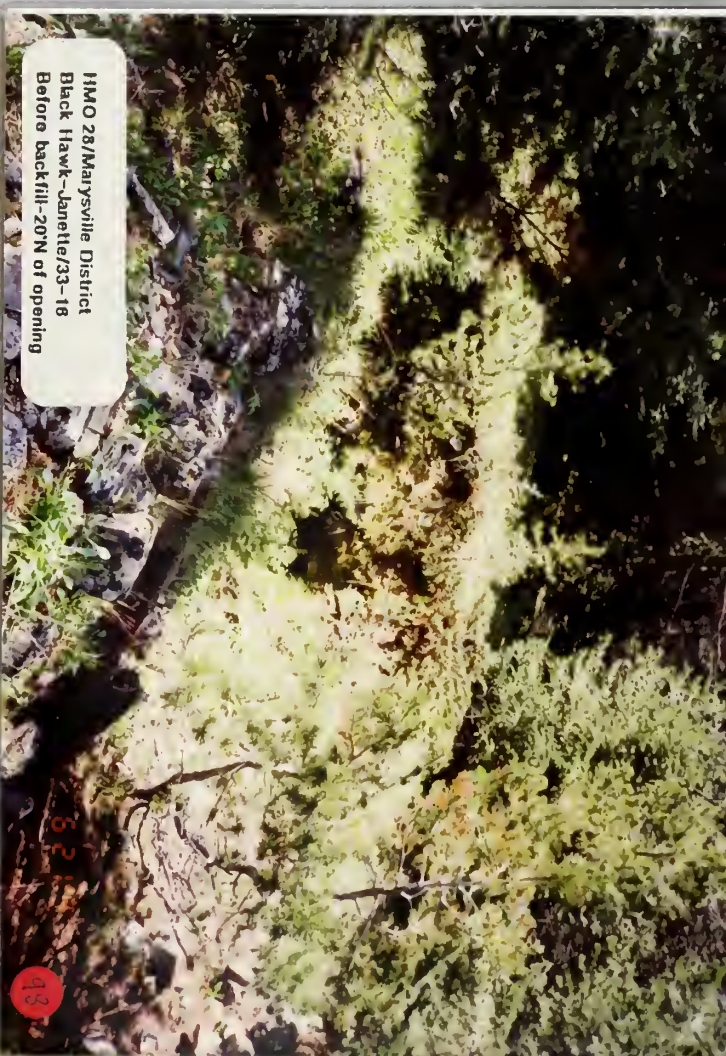
HMO 26/Marysville District  
Big Ox/5-14  
Before culvert/10'S of opening

93

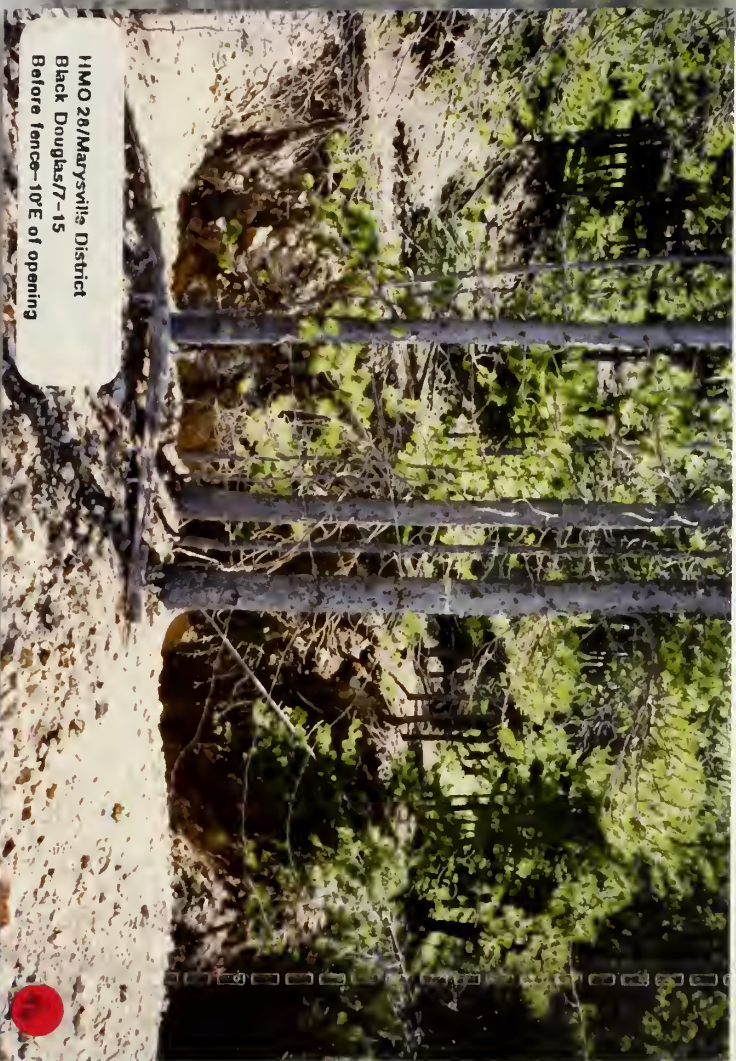




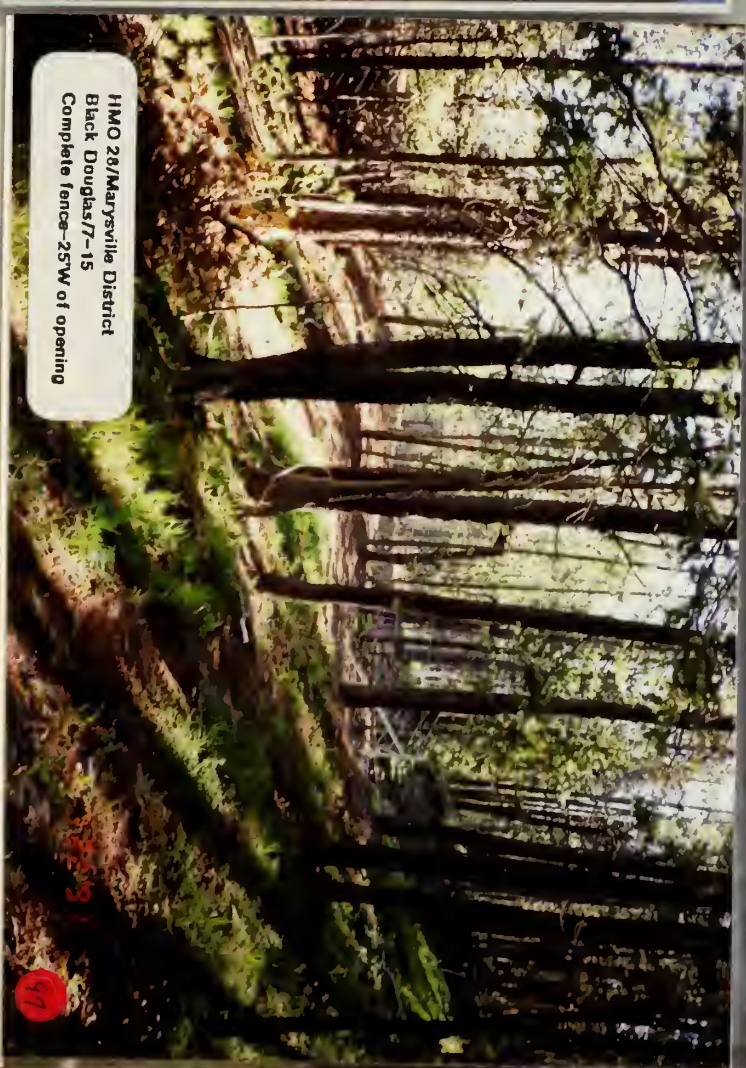
HMO 28/Marysville District  
Big Ox/5-14  
Complete culvert-20'SW of opening



HMO 28/Marysville District  
Black Hawk-Janette/33-18  
Before backfill-20'N of opening



HMO 28/Marysville District  
Black Douglas/7-15  
Before fence-10'E of opening



HMO 28/Marysville District  
Black Douglas/7-15  
Complete fence-25'W of opening





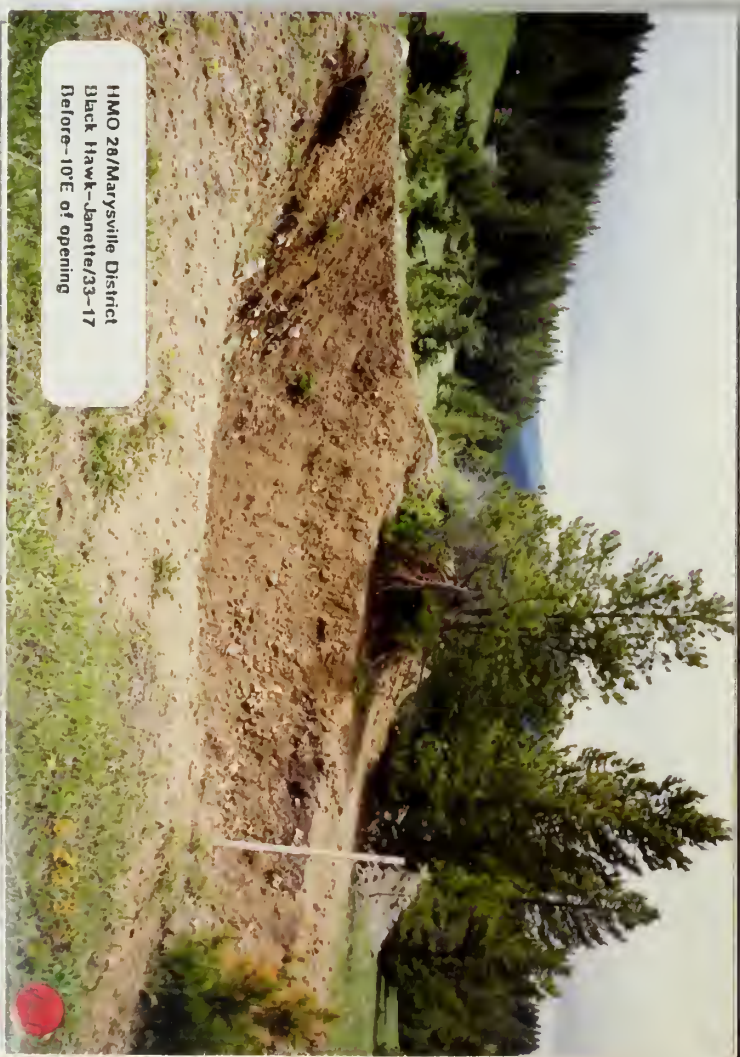
HMO 28/Marysville District  
Black Hawk-Janette/33-18  
Backfilling shaft-15S of opening



HMO 28/Marysville District  
Black Hawk-Janette/33-18  
Complete backfill-10'N of opening



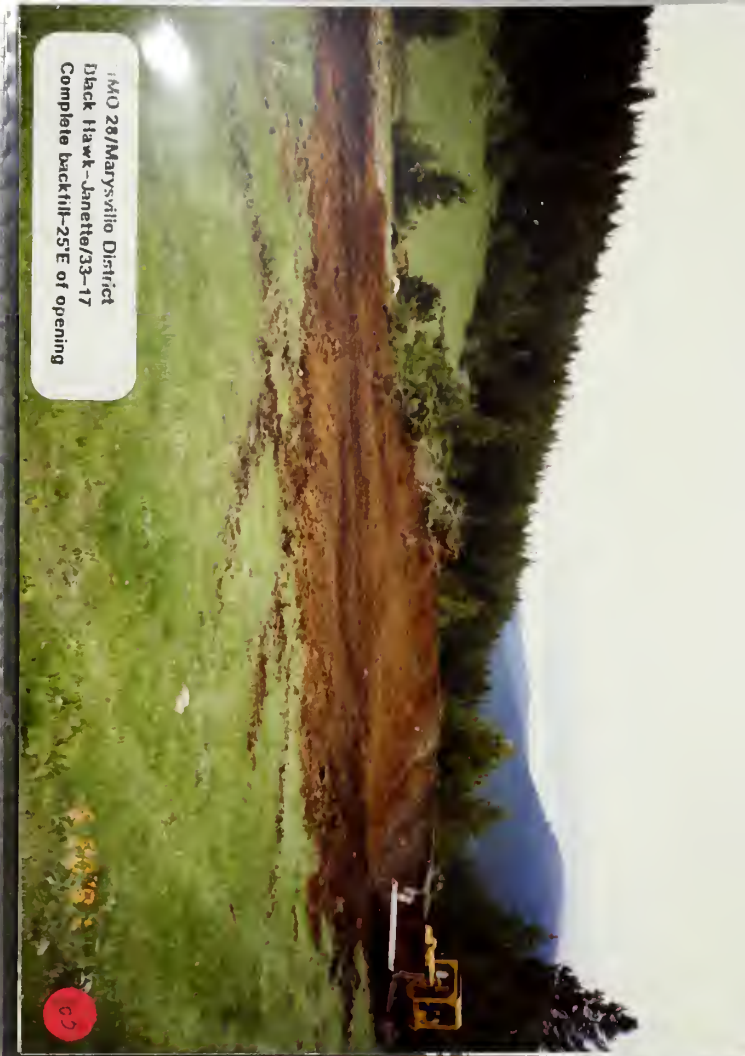
HMO 28/Marysville District  
Black Hawk-Janette/33-17  
Backfilling shaft-23W of opening



HMO 28/Marysville District  
Black Hawk-Janette/33-17  
Before-10'E of opening



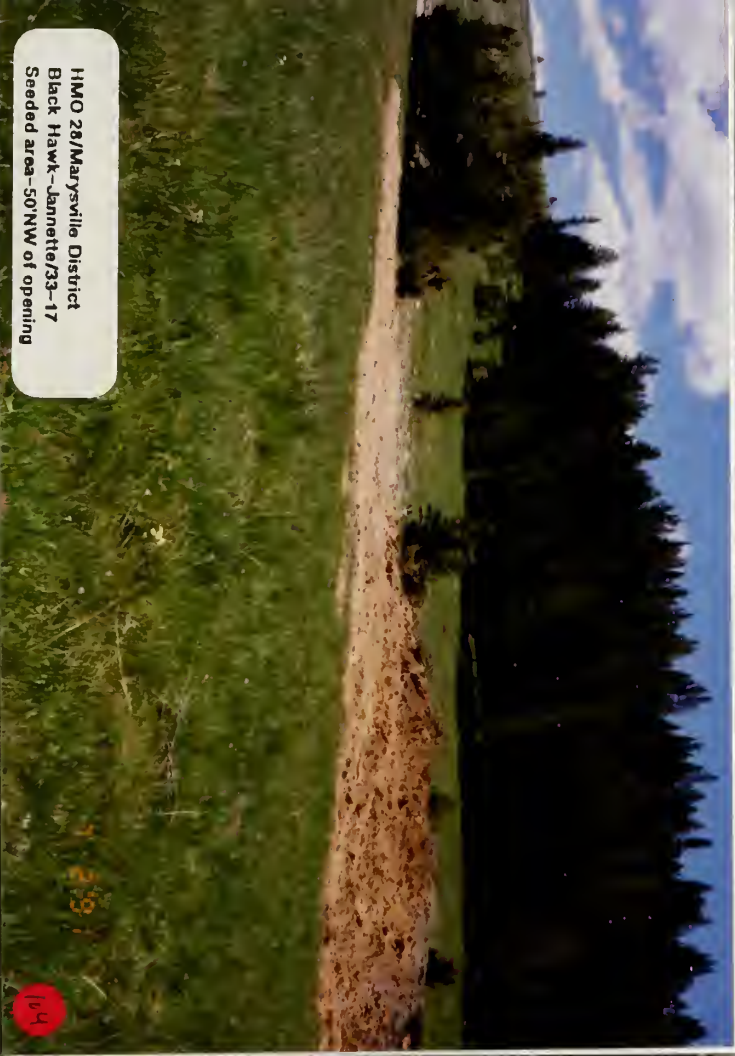
HMO 28/Marysville District  
Black Hawk-Janelle/33-17  
Complete backfill-25'E of opening



HMO 28/Marysville District  
Black Hawk-Janelle/33-97  
Backfilling shaft-25'N of opening



HMO 28/Marysville District  
Black Hawk-Janelle/33-17  
Seeded area-50'NW of opening



HMO 28/Marysville District  
Black Hawk-Janelle/33-97  
Refore backfill-20'N of opening





HMO 28/Marysville District  
Black Hawk-Janette/33-97  
Complete backfill-20'N of opening



HMO 28/Marysville District  
Black Hawk-Janette/33-97  
Complete backfill-10'N of opening



HMO 28/Marysville District  
Black Hawk-Janette/33-98  
Backfilling shaft-15'W of opening



HMO 28/Marysville District  
Black Hawk-Janette/33-98  
Before backfill-15'W of opening







HMO 28/Marysville District  
Black Hawk--Janette/33-98  
Complete backfill-15'W of opening

6/20/98

111



HMO 28/Marysville District  
Drummond/10-19  
Installing grate

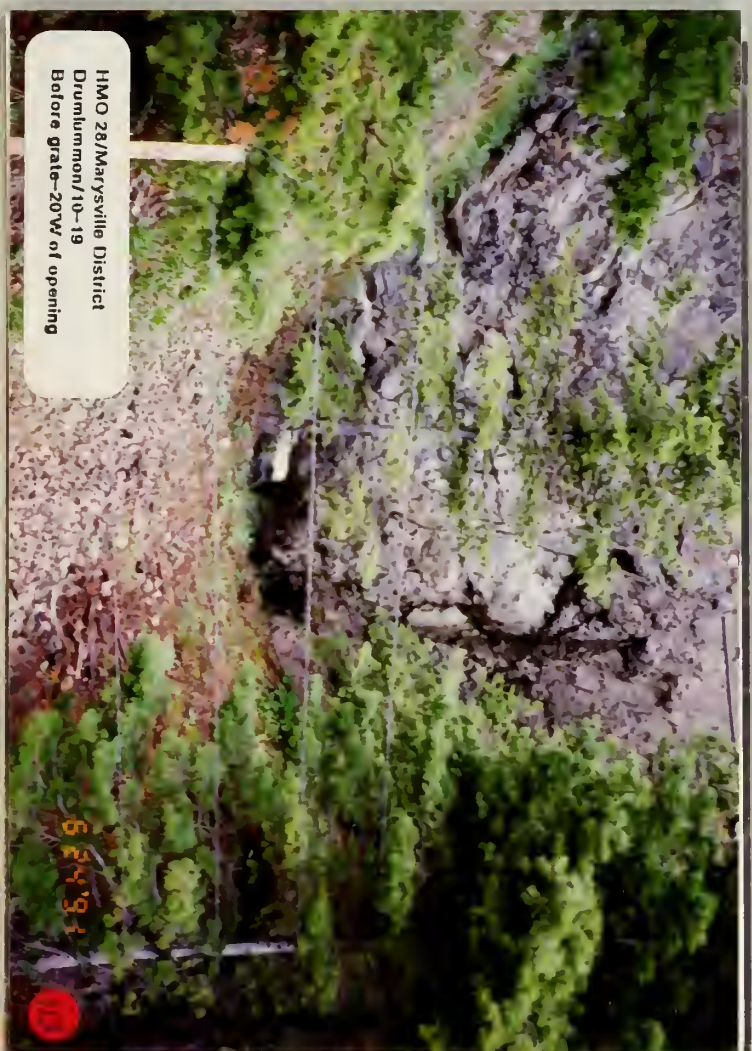
112



HMO 28/Marysville District  
Black Hawk--Janette/33-98  
Seeding disturbed area-20'NW of opening

6/20/98

112

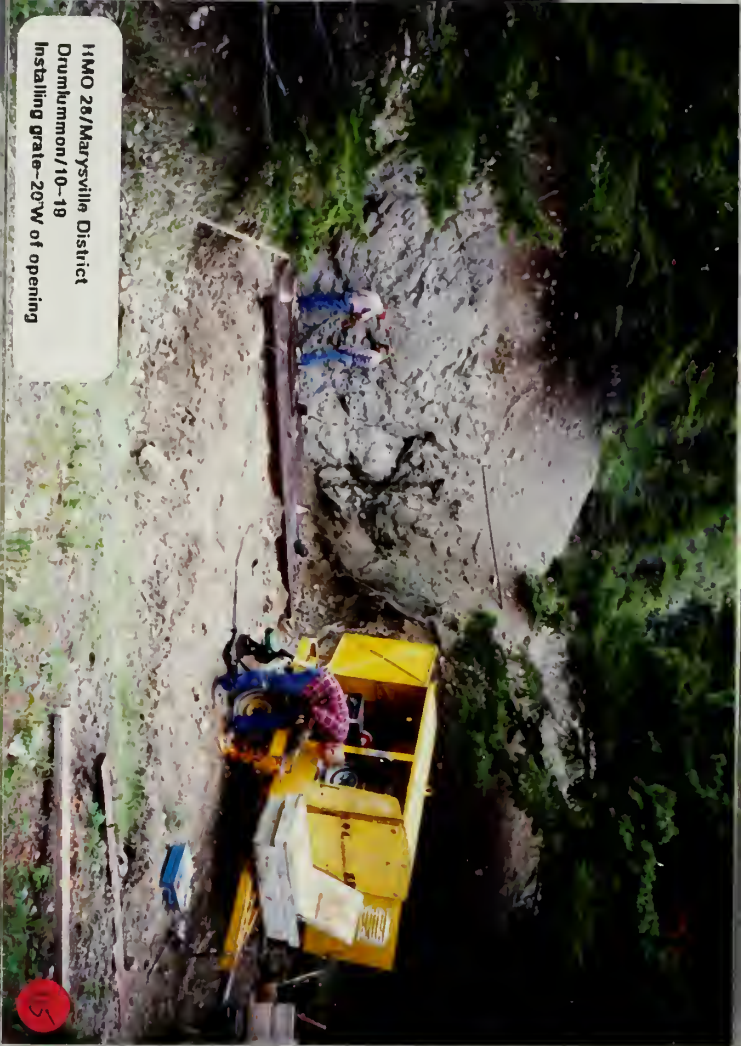


HMO 28/Marysville District  
Drummond/10-19  
Before grate-20'W of opening

6/24/98

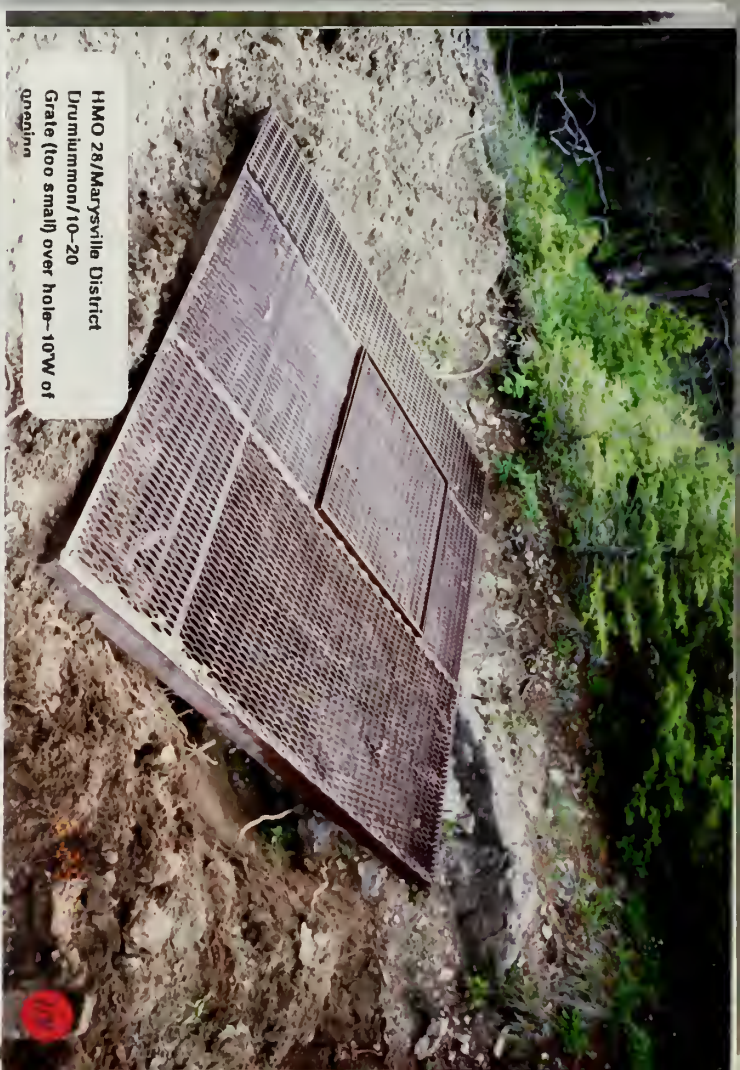
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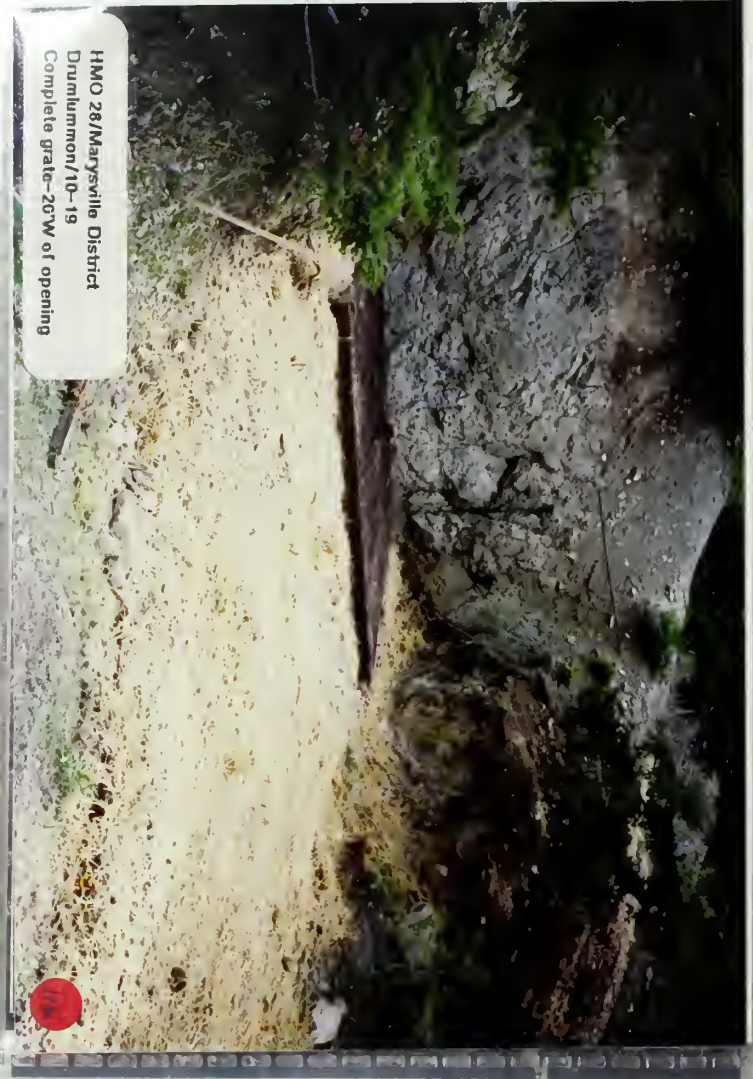
HMO 28/Marysville District  
Drumblummon/10-19  
Installing grate-20'W of opening

115



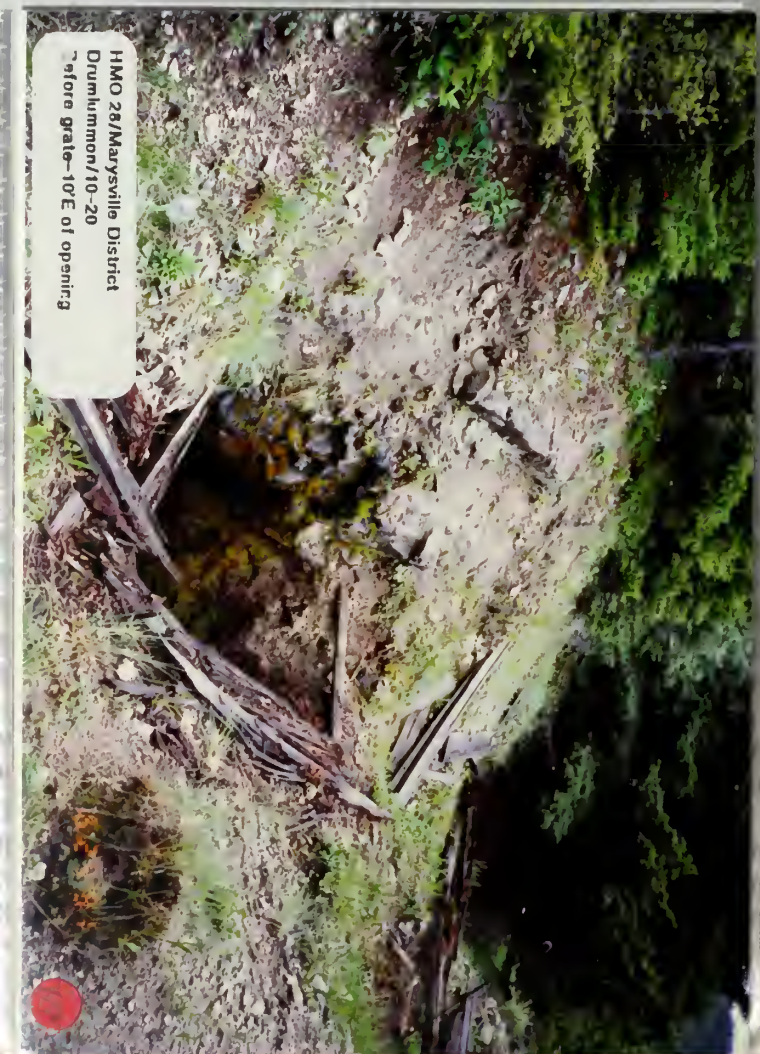
HMO 28/Marysville District  
Drumblummon/10-20  
Grate (too small) over hole-10'W of opening

116



HMO 28/Marysville District  
Drumblummon/10-19  
Complete grate-20'W of opening

114



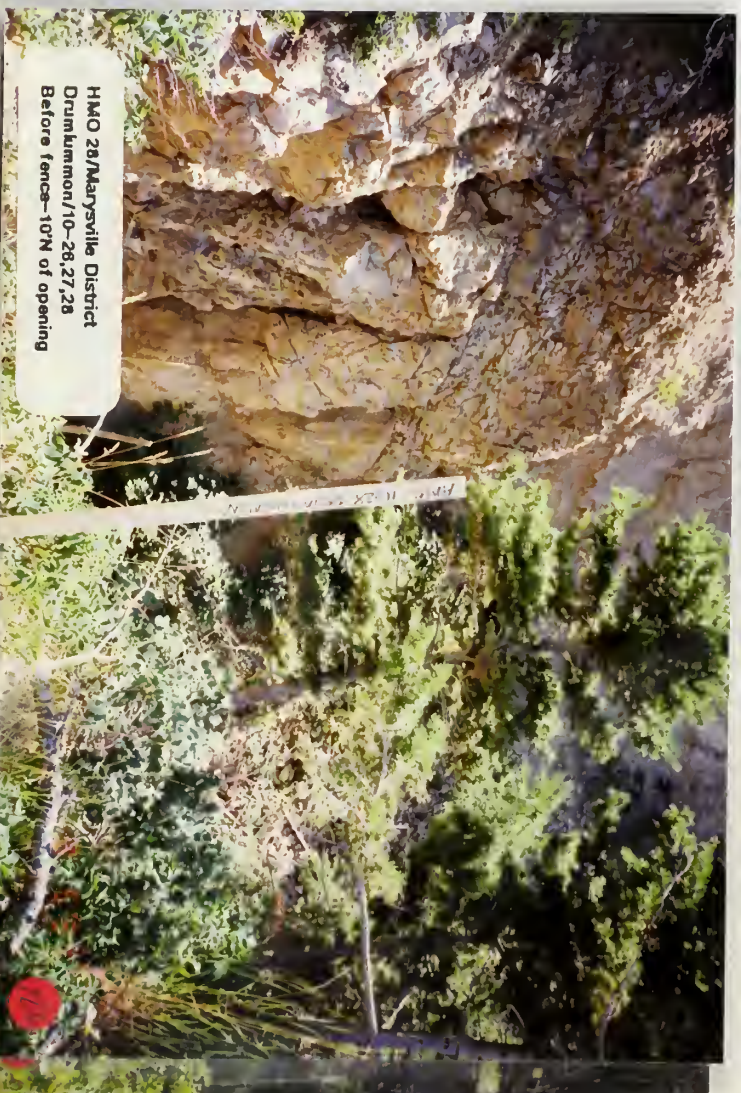
HMO 28/Marysville District  
Drumblummon/10-20  
Before grate-10'E of opening

117





HMO 28/Marysville District  
Drumhimon/10-20  
Installing larger grate-10'W of opening



HMO 28/Marysville District  
Drumhimon/10-28,27,28  
Before fence-10'N of opening



HMO 28/Marysville District  
Drumhimon/10-20  
Complete grate-10'W of opening



HMO 28/Marysville District  
Drumhimon/10-28,27,28  
Before fence-SN of opening

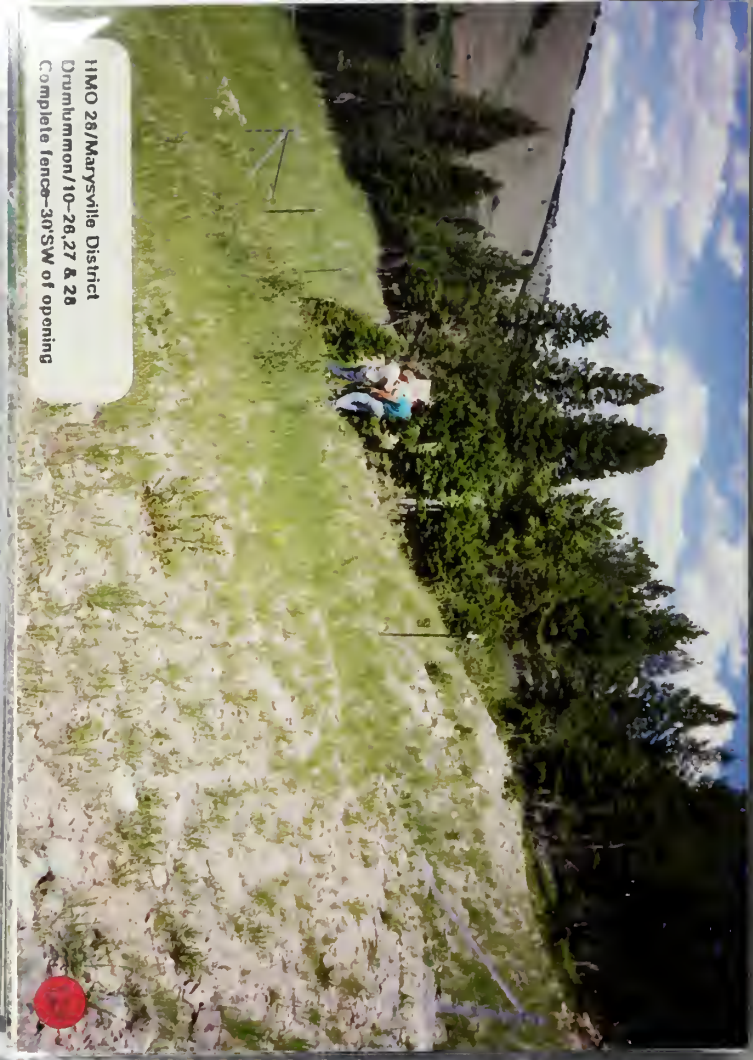




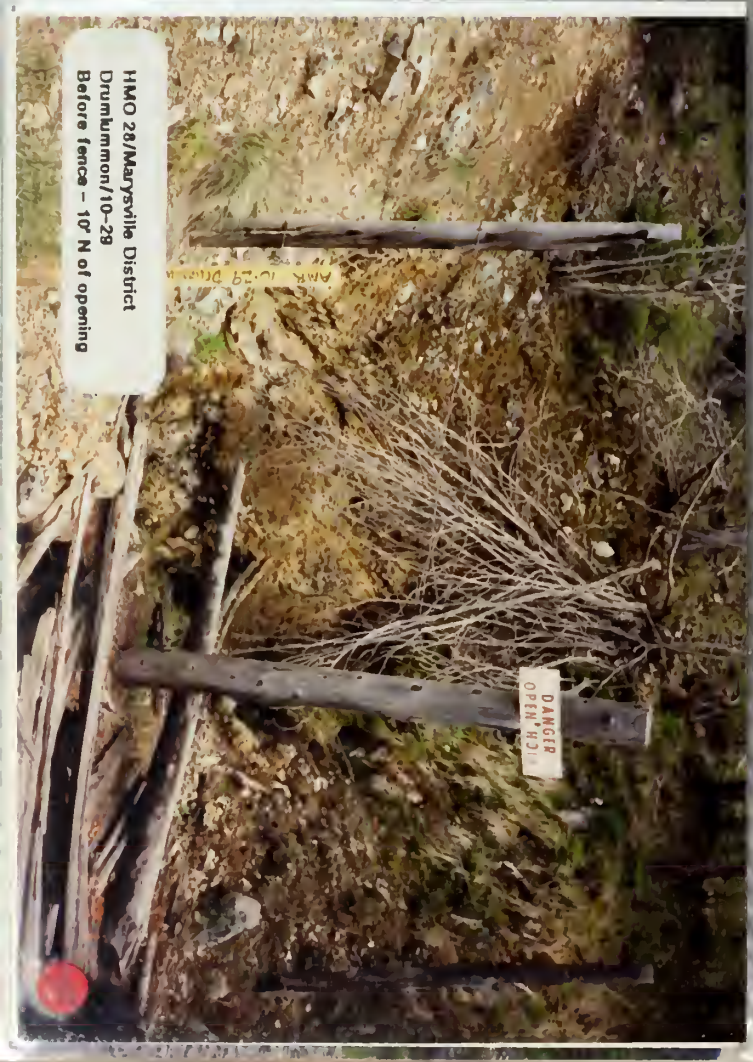
HMO 28/Marysville District  
Drumblummon/10-26,27,28  
Completed fence-20'NW of opening



HMO 28/Marysville District  
Drumblummon/10-31  
Before fence 10' NW of opening



HMO 28/Marysville District  
Drumblummon/10-26,27 & 28  
Complete fence-30'SW of opening



HMO 28/Marysville District  
Drumblummon/10-28  
Before fence - 10' N of opening

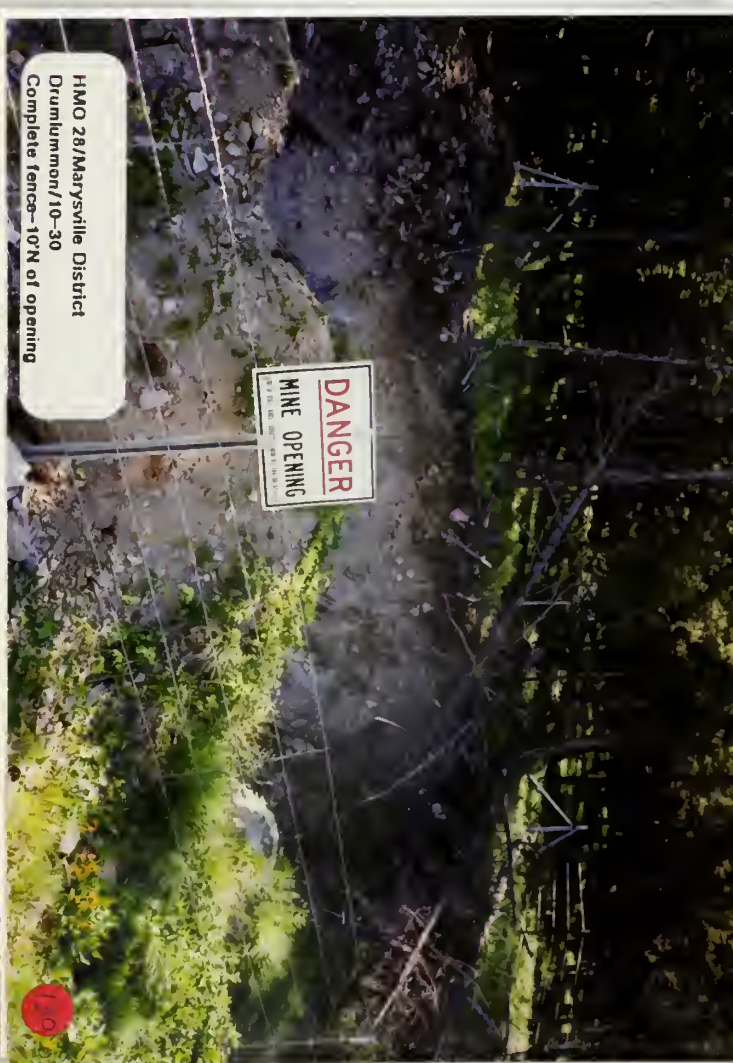




HMO 28/Marysville District  
Drumlummon/10-29 & 31  
Installing fence-30'NE of opening

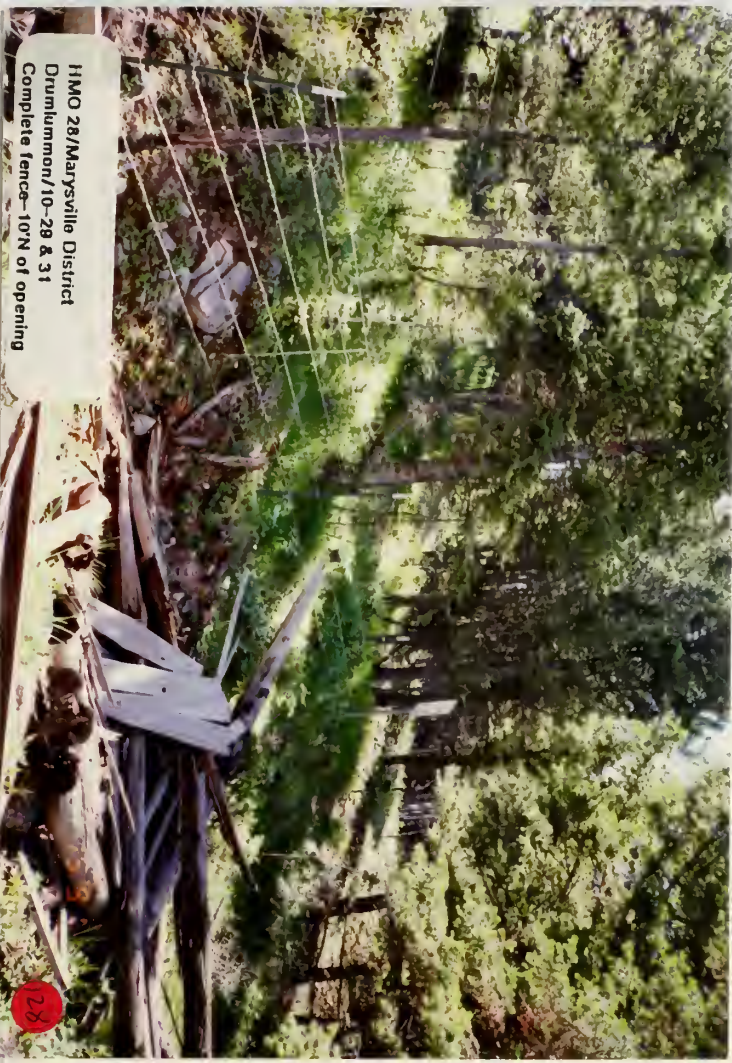
1:15:19

128



HMO 28/Marysville District  
Drumlummon/10-30  
Complete fence-10'N of opening

129



HMO 28/Marysville District  
Drumlummon/10-28 & 31  
Complete fence-10'N of opening

128



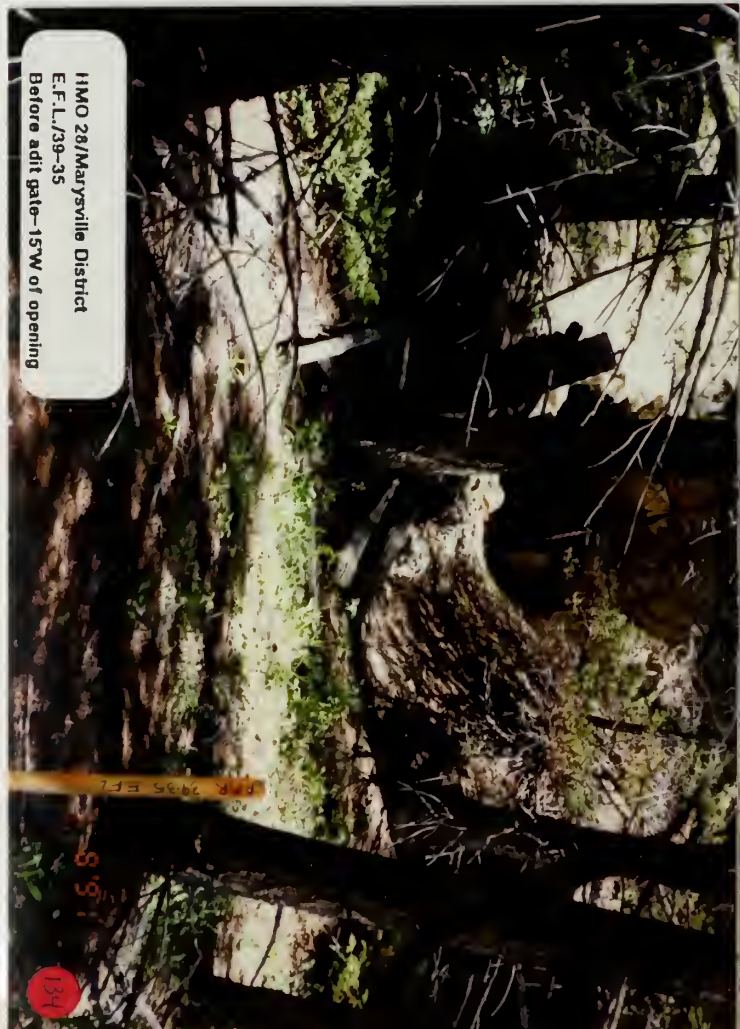
HMO 28/Marysville District  
Drumlummon/10-30  
Before fence - 70' W of opening

129

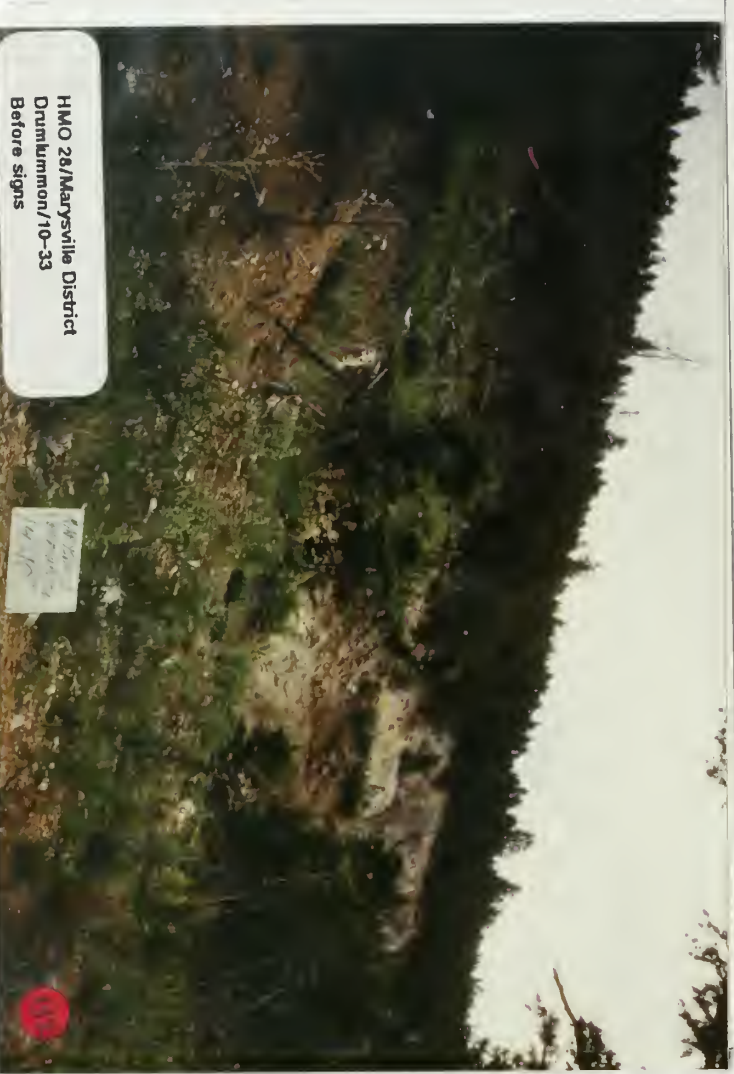




HMO 28/Marysville District  
Drumblummon/10-32  
Before signs



HMO 28/Marysville District  
E.F.L./39-35  
Before adit gate-15'W of opening

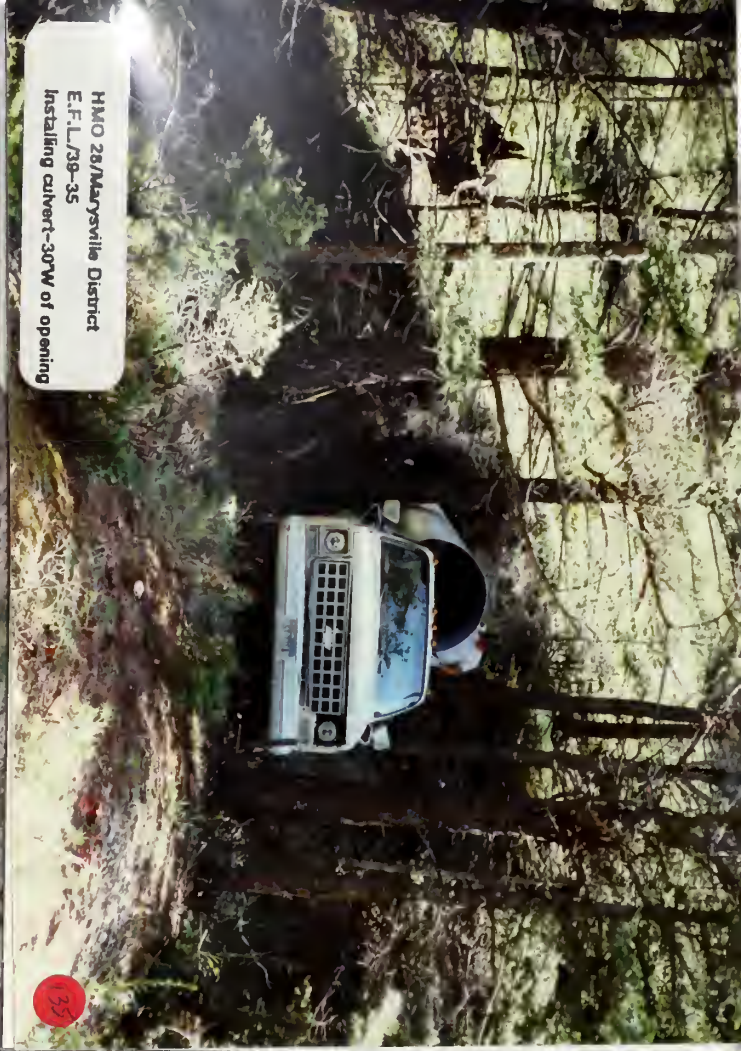


HMO 28/Marysville District  
Drumblummon/10-33  
Before signs



HMO 28/Marysville District  
Drumblummon/10-32  
Signs-50'S of opening





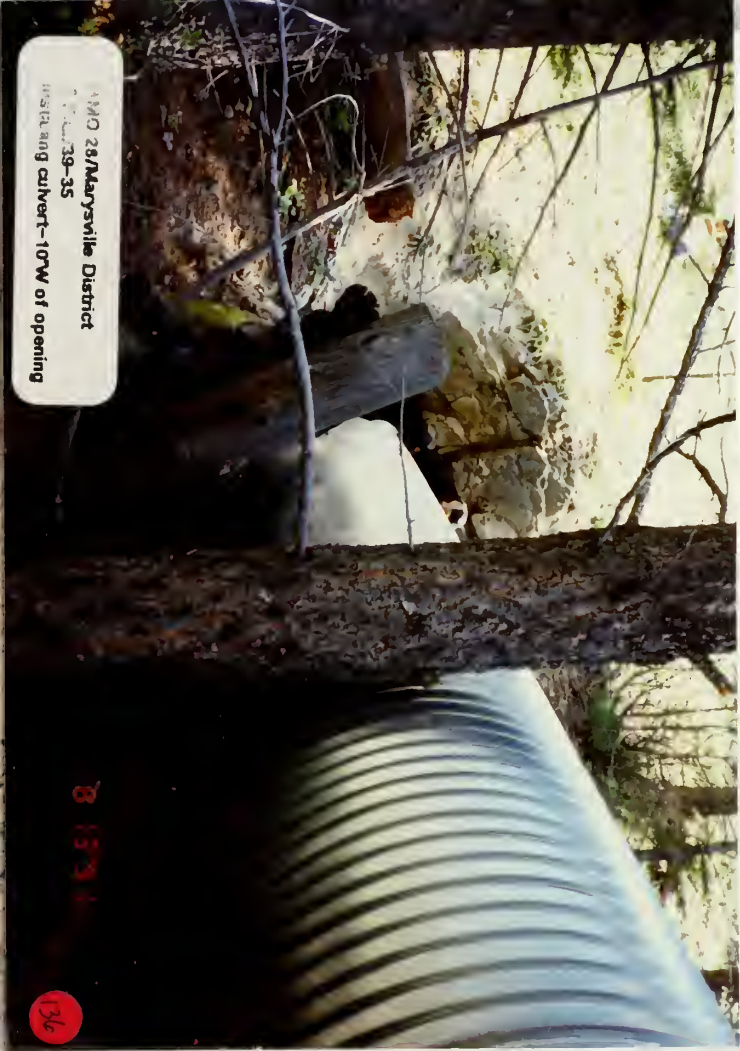
HMO 28/Marysville District  
E.F.L./39-35  
Installing culvert-30W of opening

135



HMO 28/Marysville District  
Earthquake/40-38  
Bellevue - 16' W of opening

136



HMO 28/Marysville District  
E.F.L./39-35  
Installing culvert-10W of opening

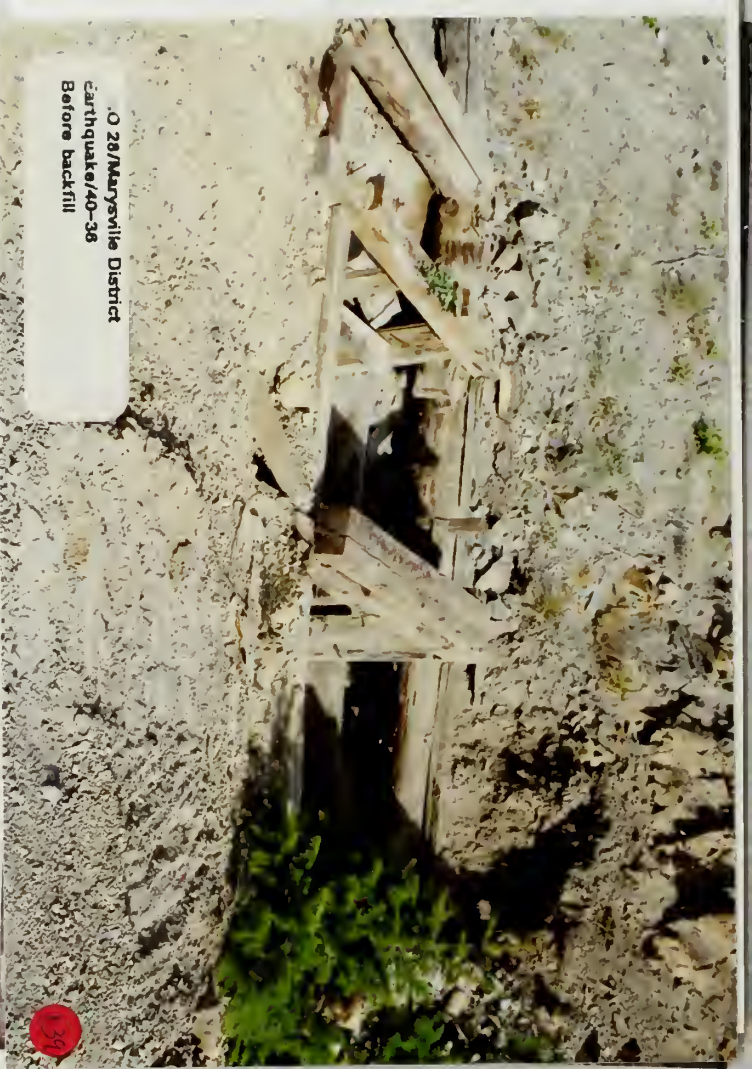
136



HMO 28/Marysville District  
E.F.L./39-35  
Complete culvert-10W of opening

137





HMO 28/Marysville District  
Earthquake/40-38  
Before backfill



HMO 28/Marysville District  
Earthquake/40-38  
Removing timbers

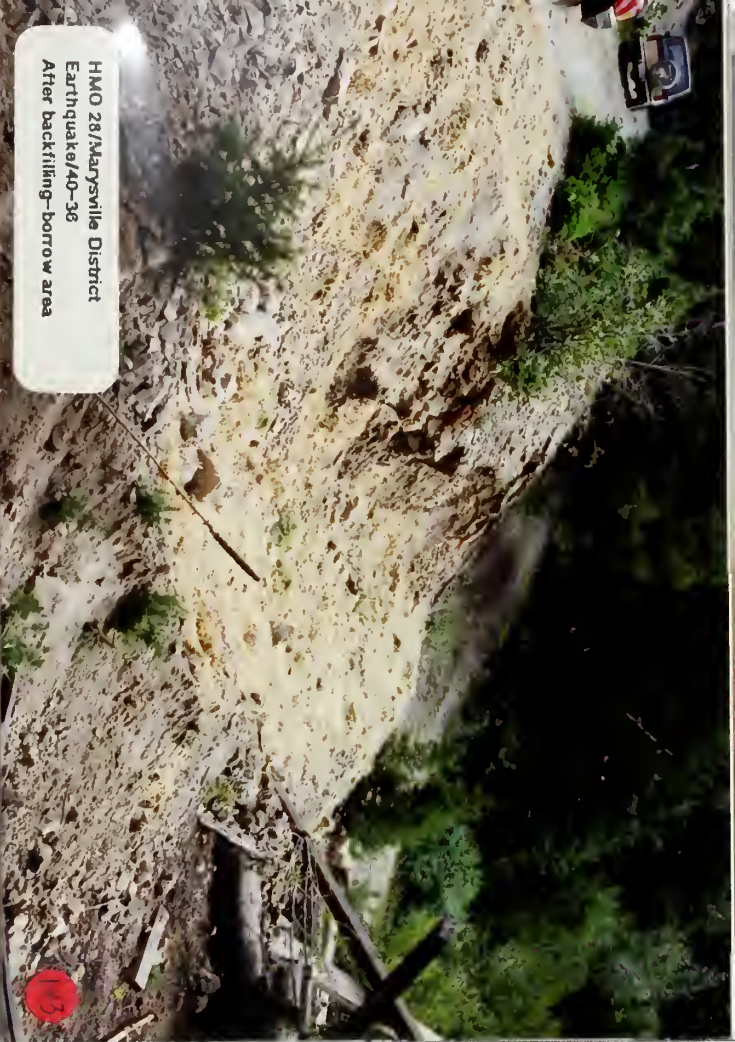


HMO 28/Marysville District  
Earthquake/40-38  
After backfilling-shaft at road

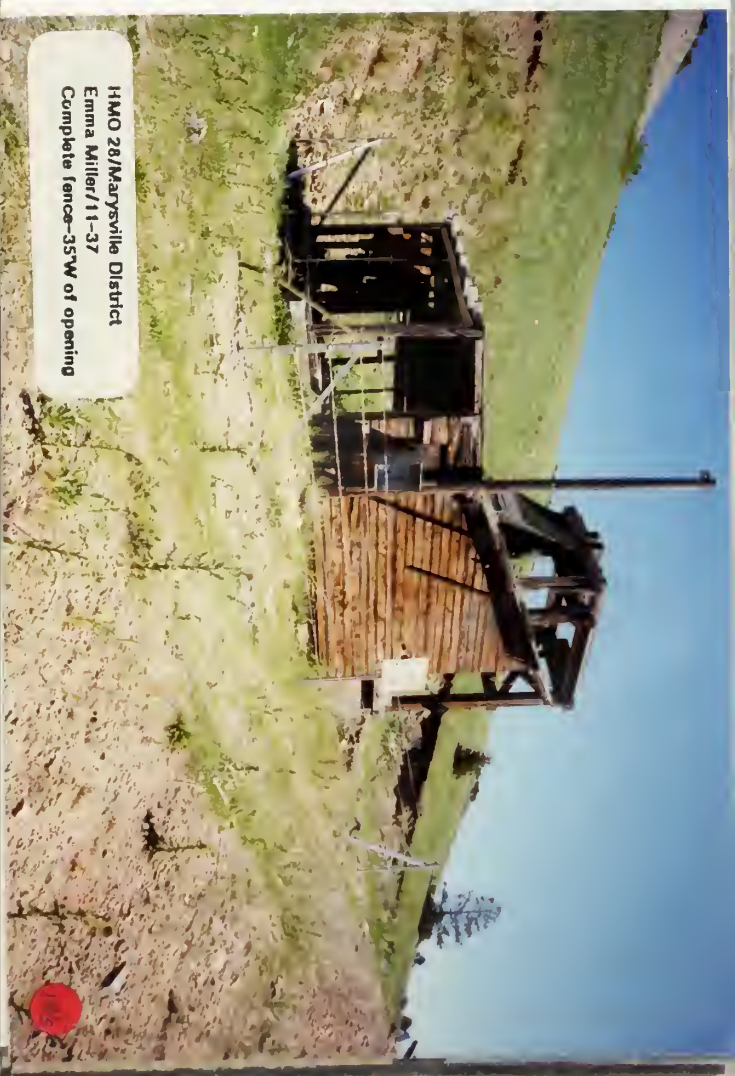


HMO 28/Marysville District  
Earthquake/40-38  
Placing backfill





HMO 28/Marysville District  
Earthquake/40-36  
After backfilling-borrow area



HMO 28/Marysville District  
Emma Miller/11-37  
Complete fence-35W of opening



HMO 28/Marysville District  
Emma Miller/11-37  
Before fence-30S of opening



HMO 28/Marysville District  
Emma Miller/11-37  
Before fence-10'E of opening





HMO 28/Marysville District  
Empire/12-38  
Before adit gate-10'S of opening



HMO 28/Marysville District  
Empire/12-38  
Installing adit gate-inside adit



HMO 28/Marysville District  
Empire/12-43  
Before adit gate-15'SW of opening



HMO 28/Marysville District  
Empire/12-38  
Complete adit gate-10'S of opening





HMO 28/Marysville District  
Empire/12-43  
Installing adit gate-Inside adit

151



HMO 28/Marysville District  
Emp/13-39  
Complete backfill-SOS of opening

152



HMO 28/Marysville District  
Empire/12-43  
Complete adit gate-Inside adit

153

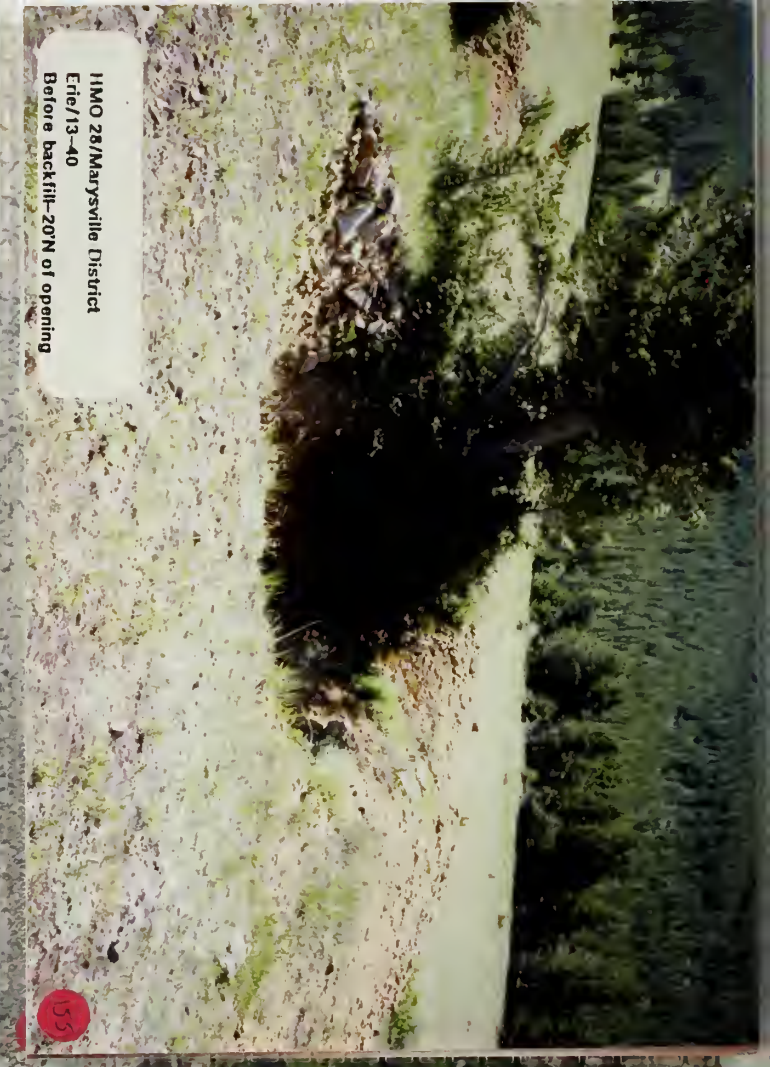


HMO 28/Marysville District  
Emp/13-39  
Before backfill-10W of opening

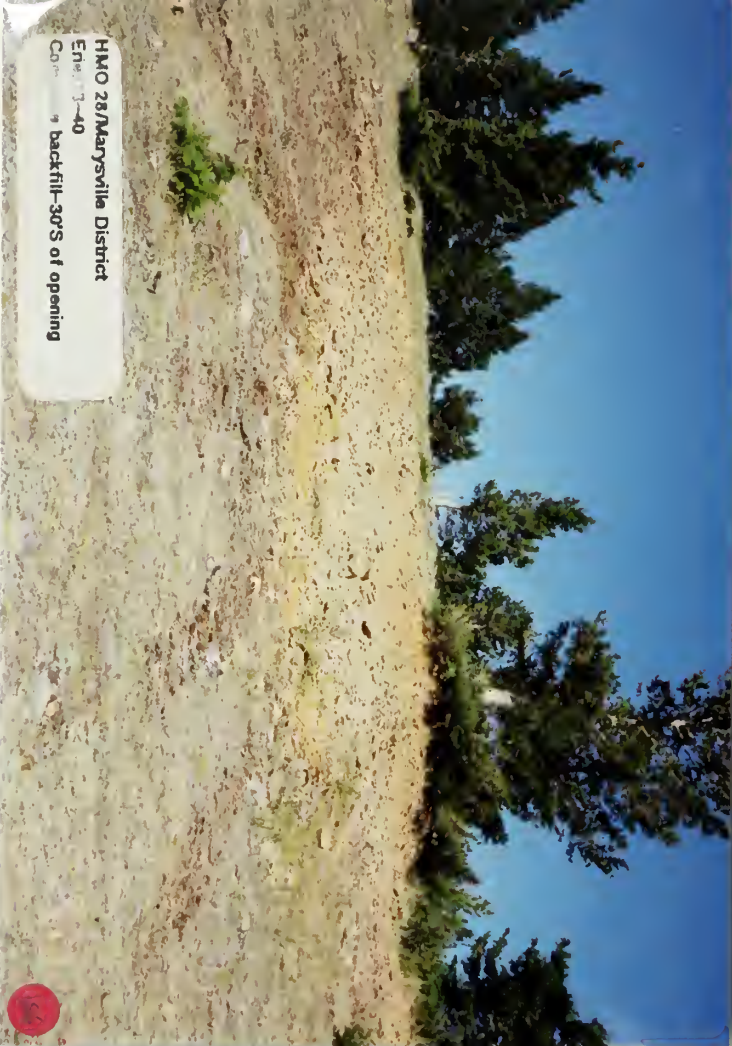
153



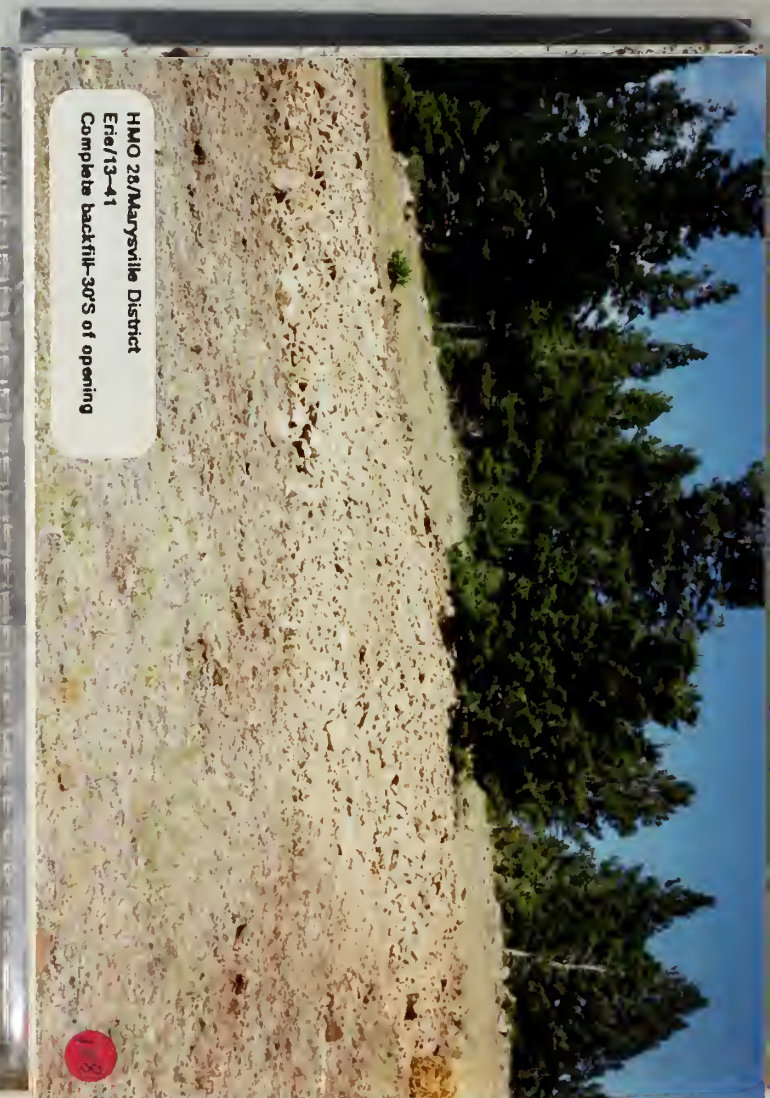
HMO 28/Marysville District  
Erie/13-40  
Before backfill-20'N of opening



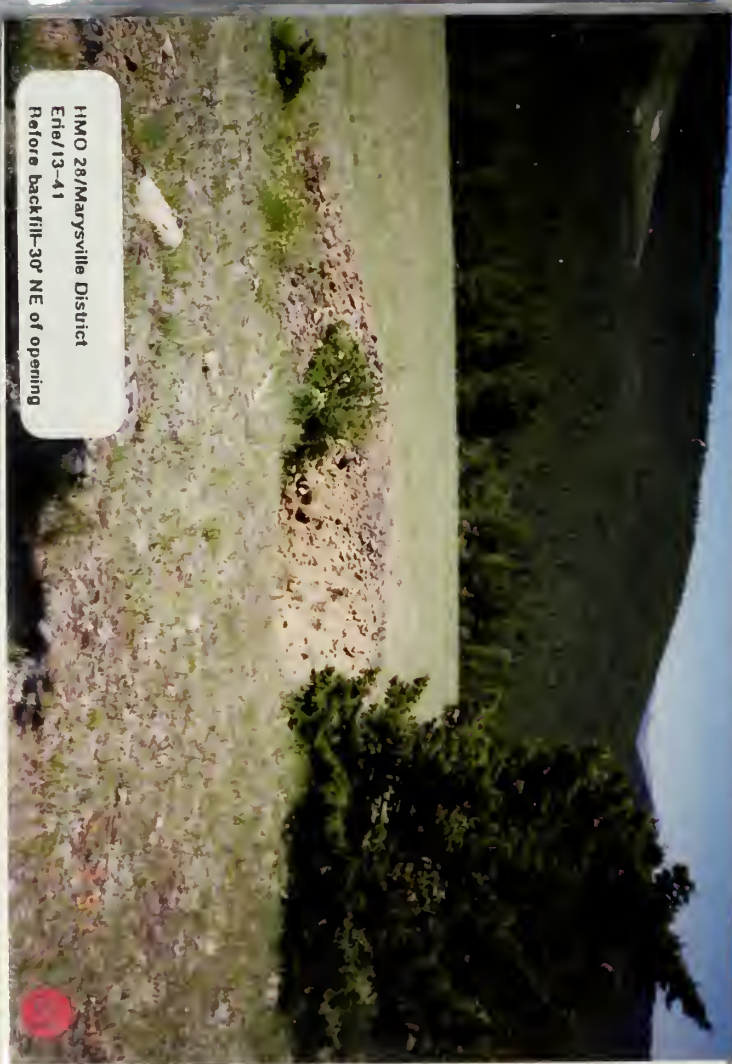
HMO 28/Marysville District  
Erie/13-40  
\* backfill-30'S of opening



HMO 28/Marysville District  
Erie/13-41  
Complete backfill-30'S of opening



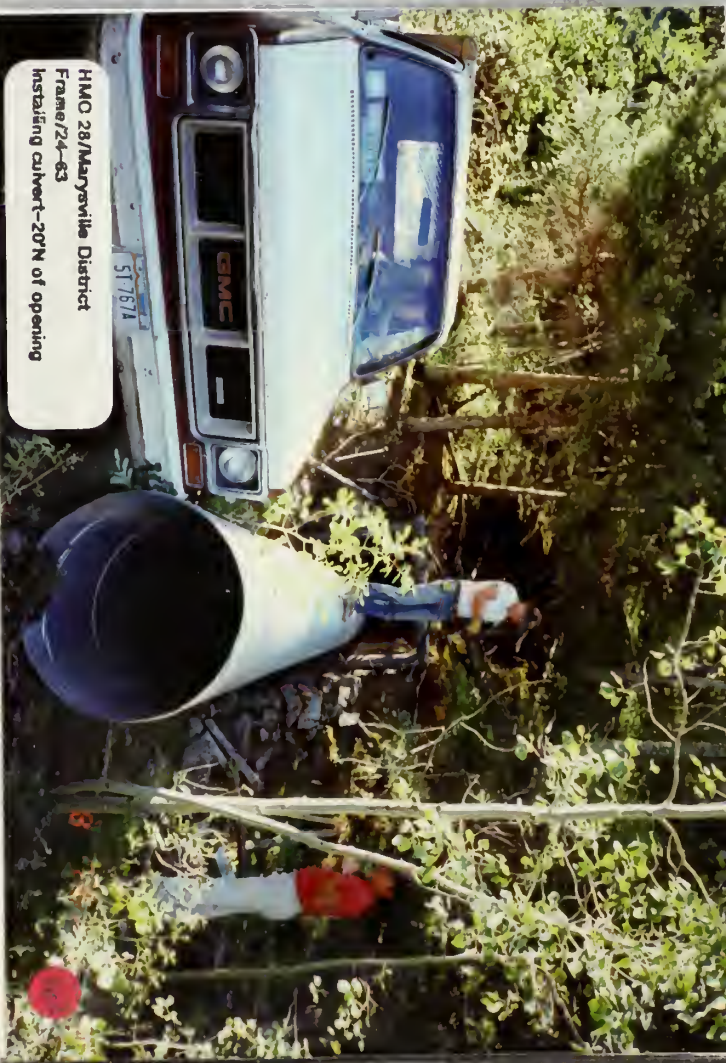
HMO 28/Marysville District  
Erie/13-41  
Before backfill-30' NE of opening







HMO 28/Marysville District  
Fraction/20-42  
Before - 10' E of opening



HMO 28/Marysville District  
Frame/24-63  
Installing culvert-20'N of opening

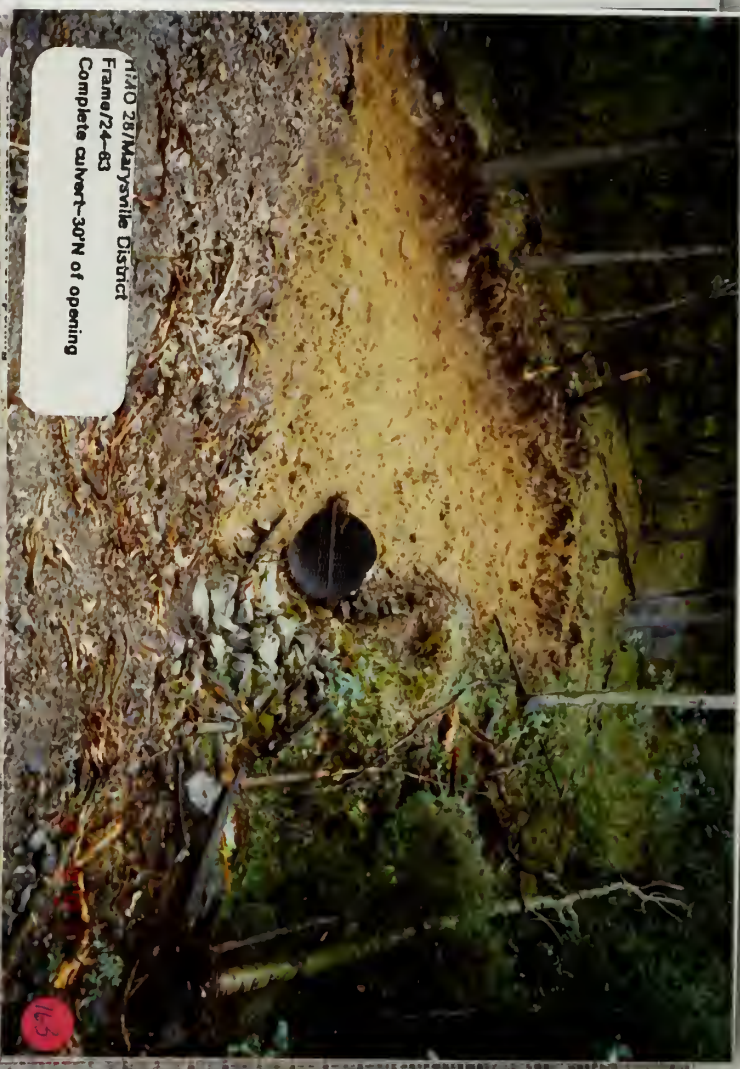


HMO 28/Marysville District  
Fraction/20-42  
Completed fence-20'W of opening



HMO 28/Marysville District  
Frame/24-63  
Before-10'N of opening

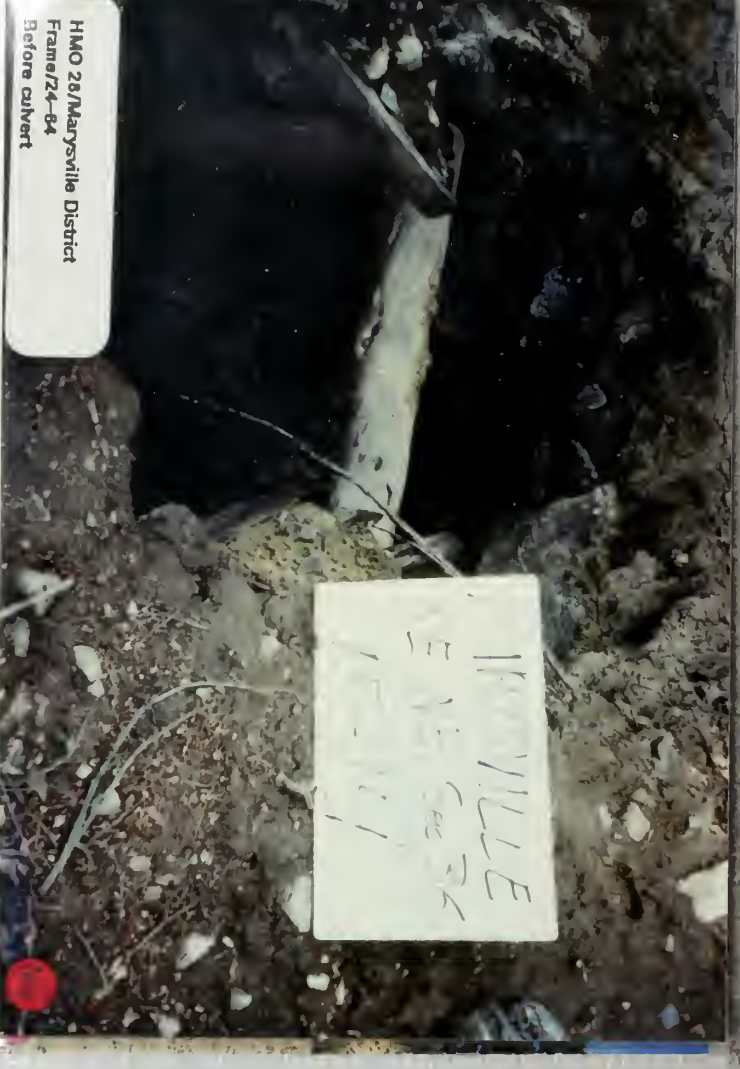




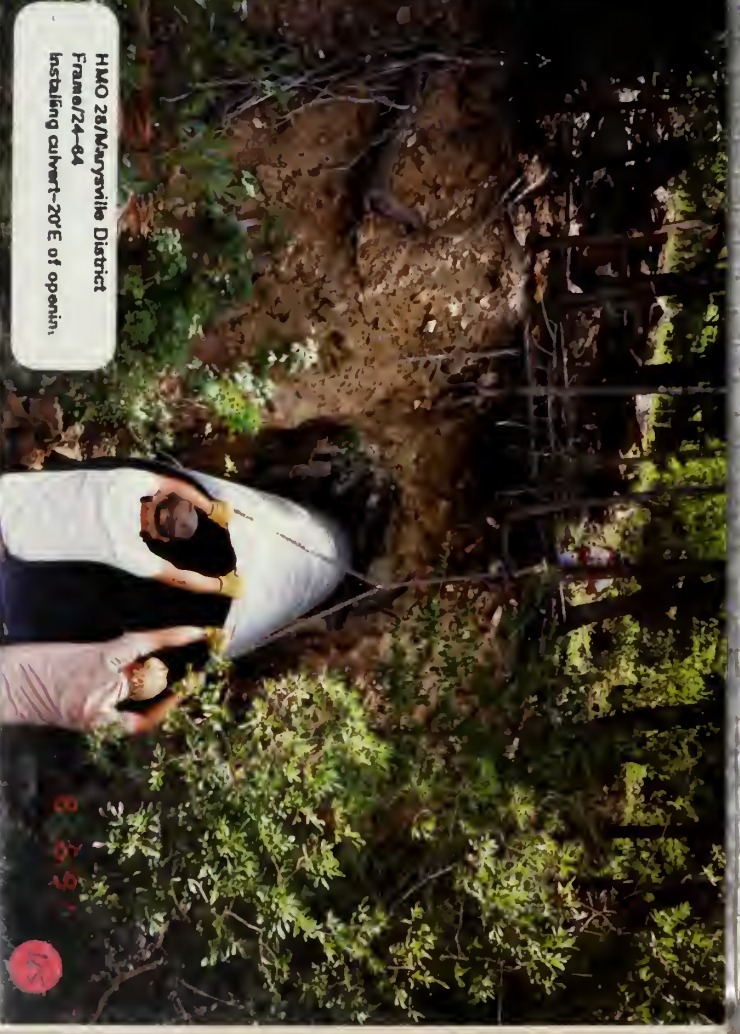
HMO 28/Marysville District  
Frame/24-63  
Complete culvert-30' N of opening



HMO 28/Marysville District  
Frame/24-64  
Complete culvert-15' N of opening

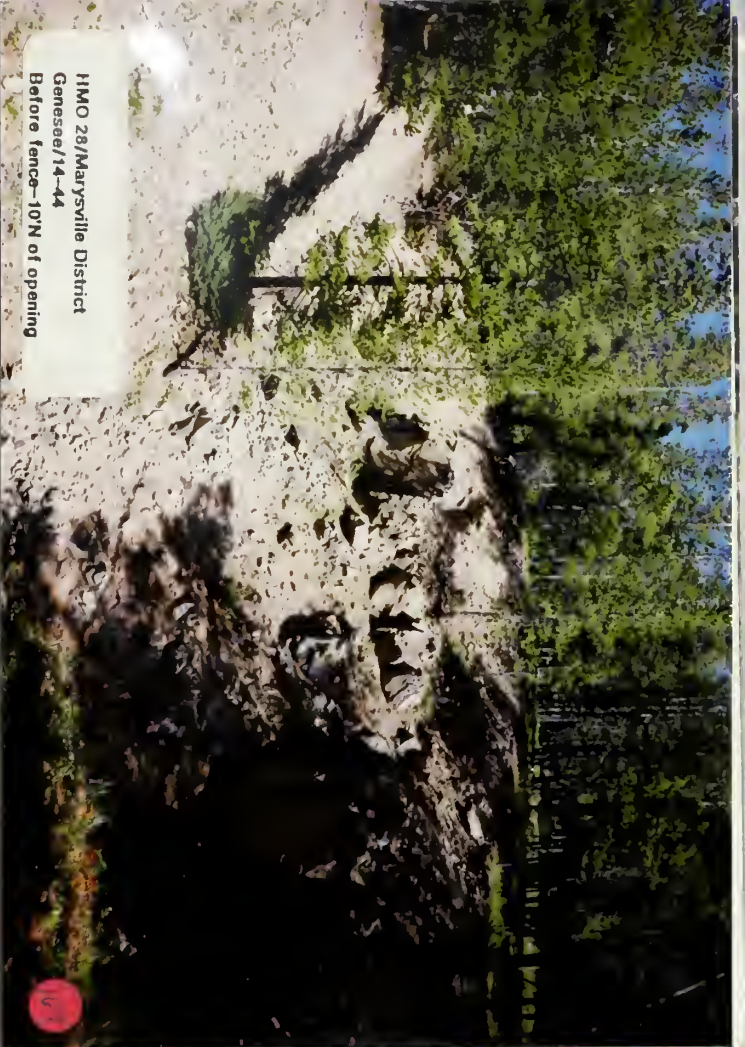


HMO 28/Marysville District  
Frame/24-64  
Before culvert



HMO 28/Marysville District  
Frame/24-64  
Installing culvert-20' E of opening





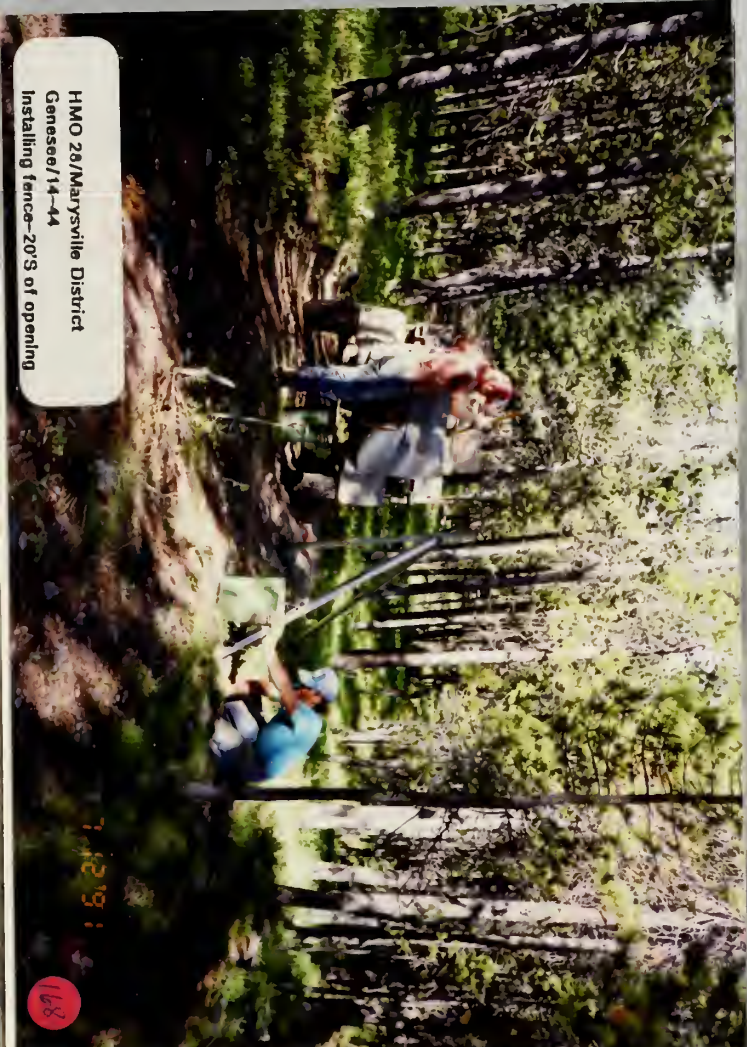
HMO 28/Marysville District  
Genesee/14-44  
Before fence-10'N of opening

167



HMO 28/Marysville District  
Genesee/14-45  
Before fence-10'N of opening

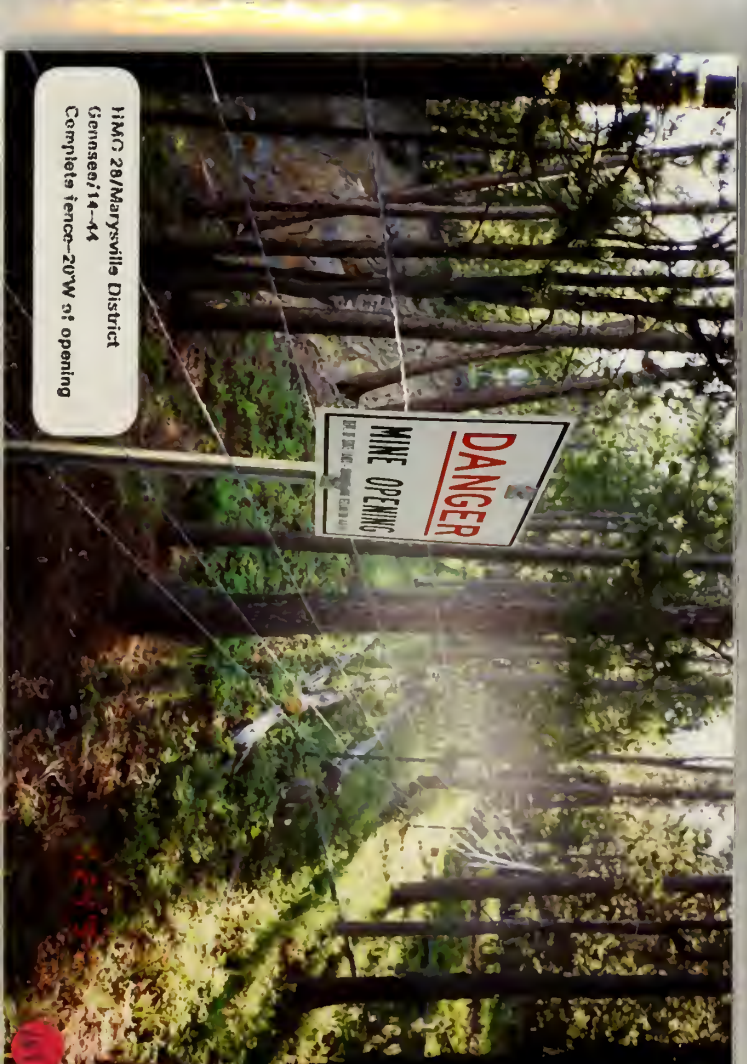
166



HMO 28/Marysville District  
Genesee/14-44  
Installing fence-20'S of opening

7.2.9.1

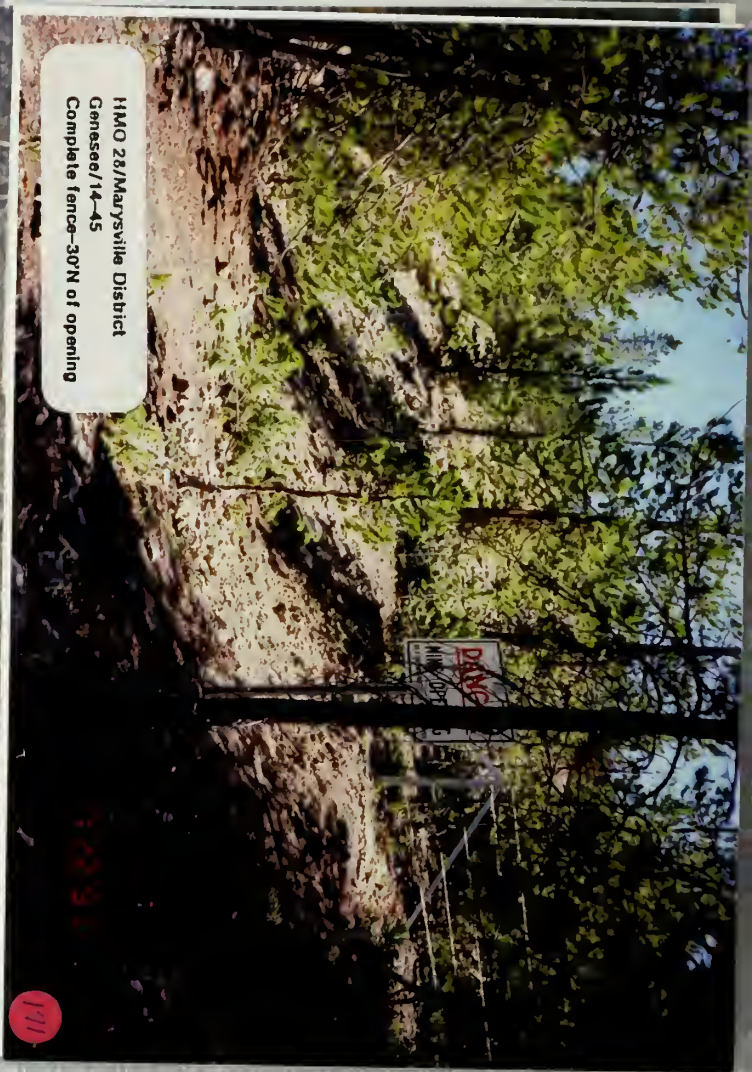
168



HMO 28/Marysville District  
Genesee/14-44  
Complete fence-20'W of opening

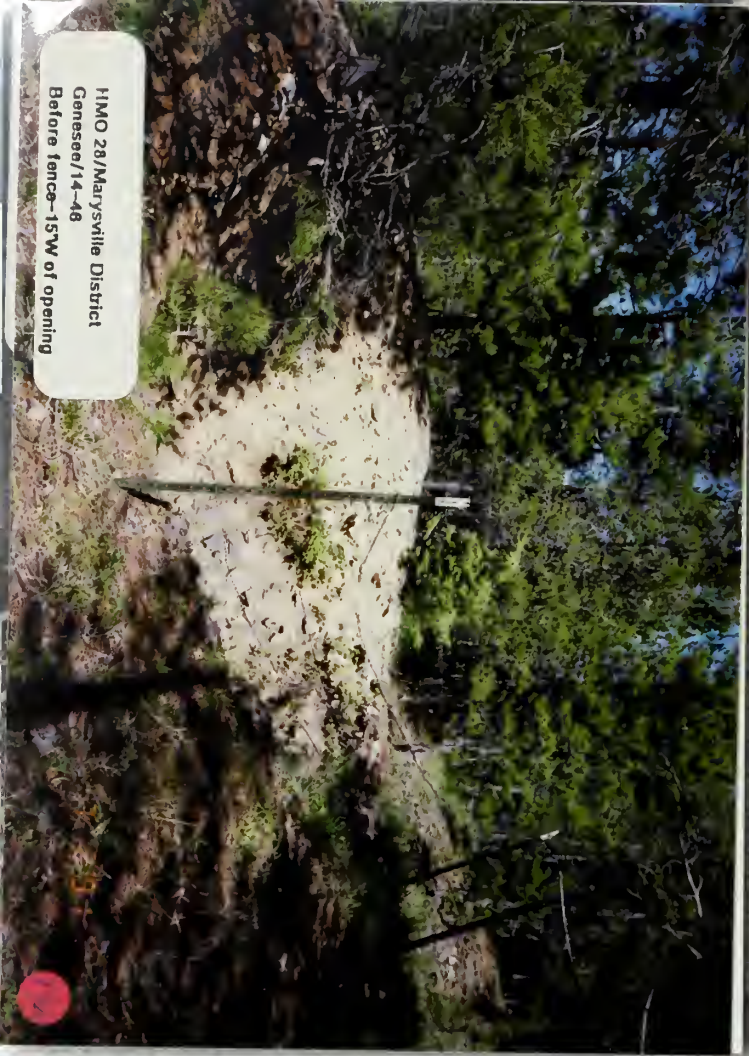
169





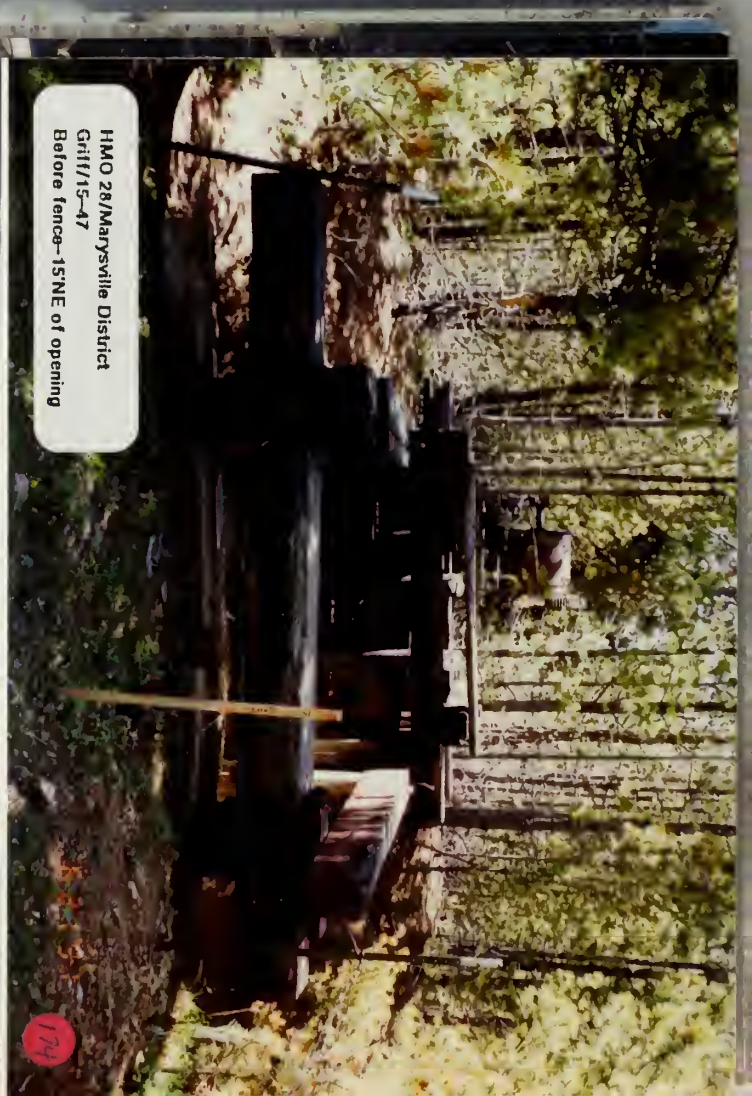
HMO 28/Marysville District  
Genesee/14-45  
Complete fence-30'N of opening

121



HMO 28/Marysville District  
Genesee/14-48  
Before fence-15'W of opening

122



HMO 28/Marysville District  
Griff/15-47  
Before fence-15'NE of opening

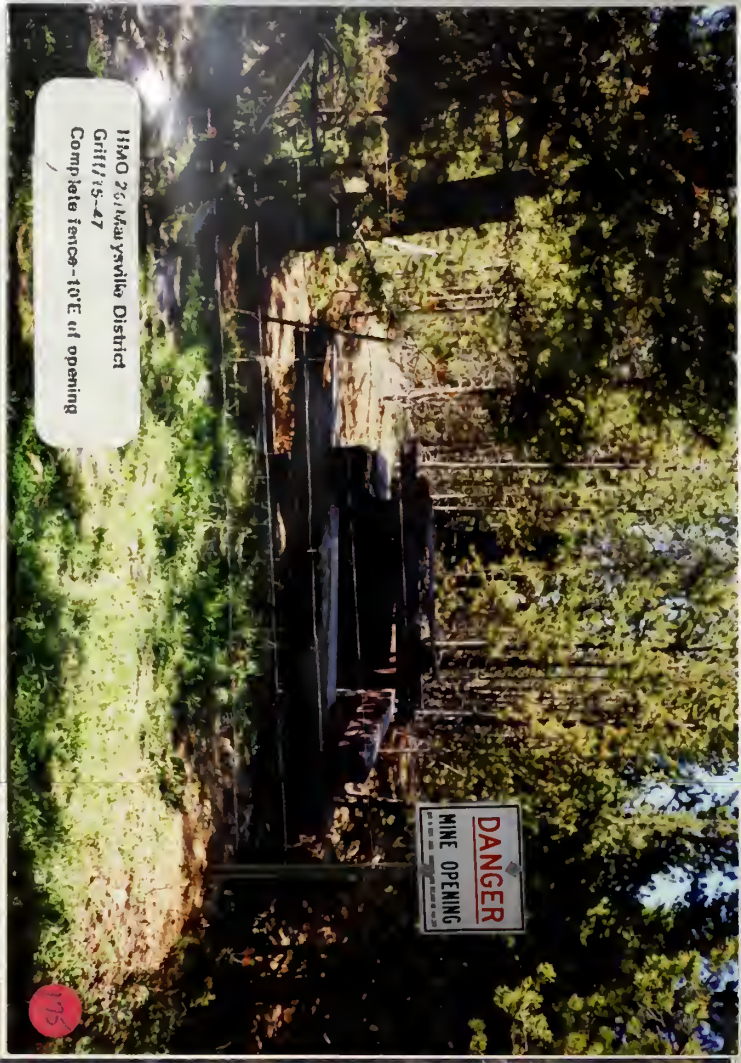
124



HMO 28/Marysville District  
Genesee/14-48  
Complete fence-20'W of opening

123

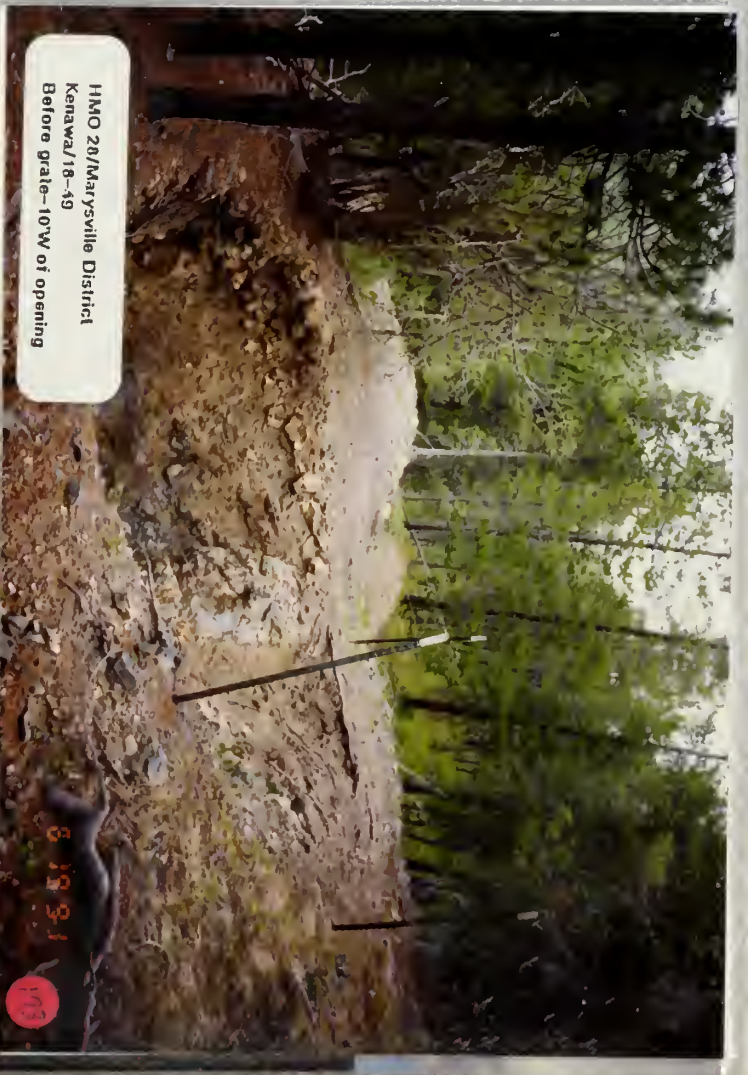




HMO 26/Marysville District  
Griffis-47  
Complete fence-10'E of opening



HMO 26/Marysville District  
Kenawa/18-46  
Before fence-5'N of opening



HMO 26/Marysville District  
Kenawa/18-49  
Before grate-10'W of opening

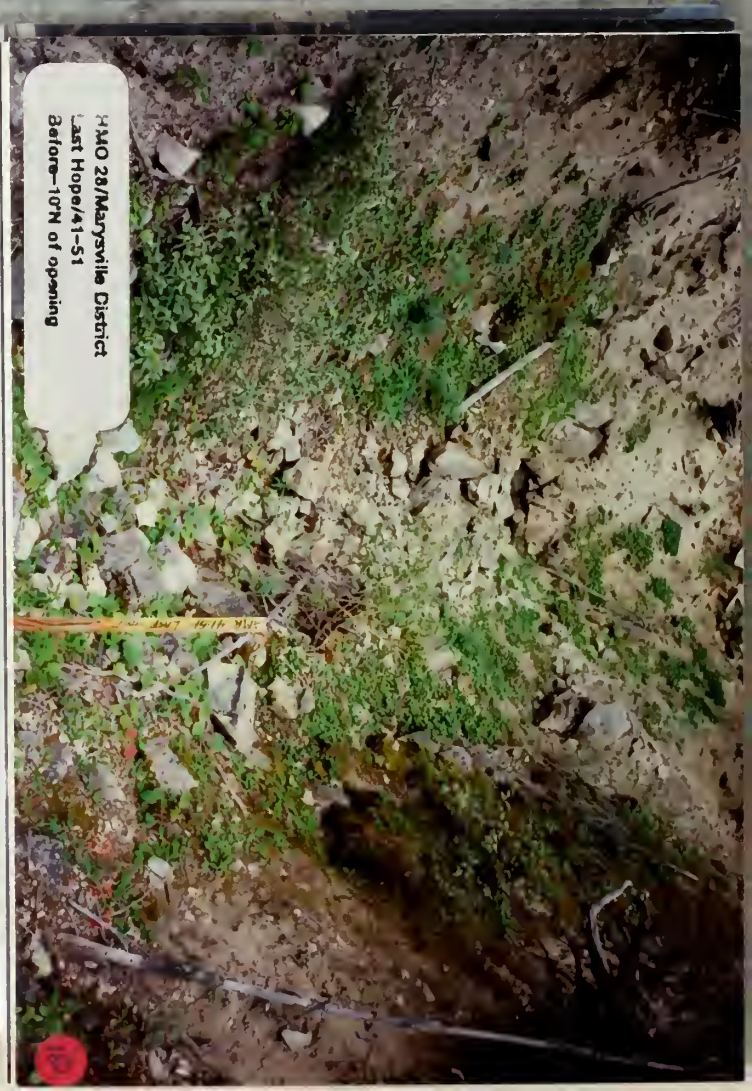


HMO 26/Marysville District  
Kenawa/18-46  
Complete fence-15'N of opening

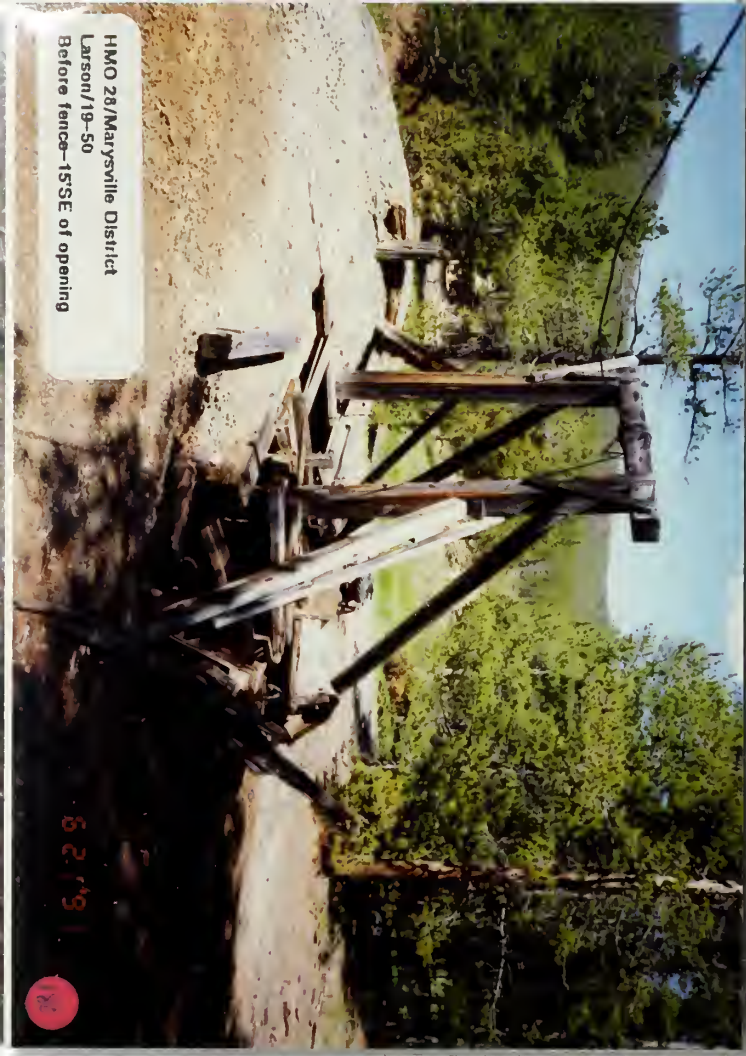




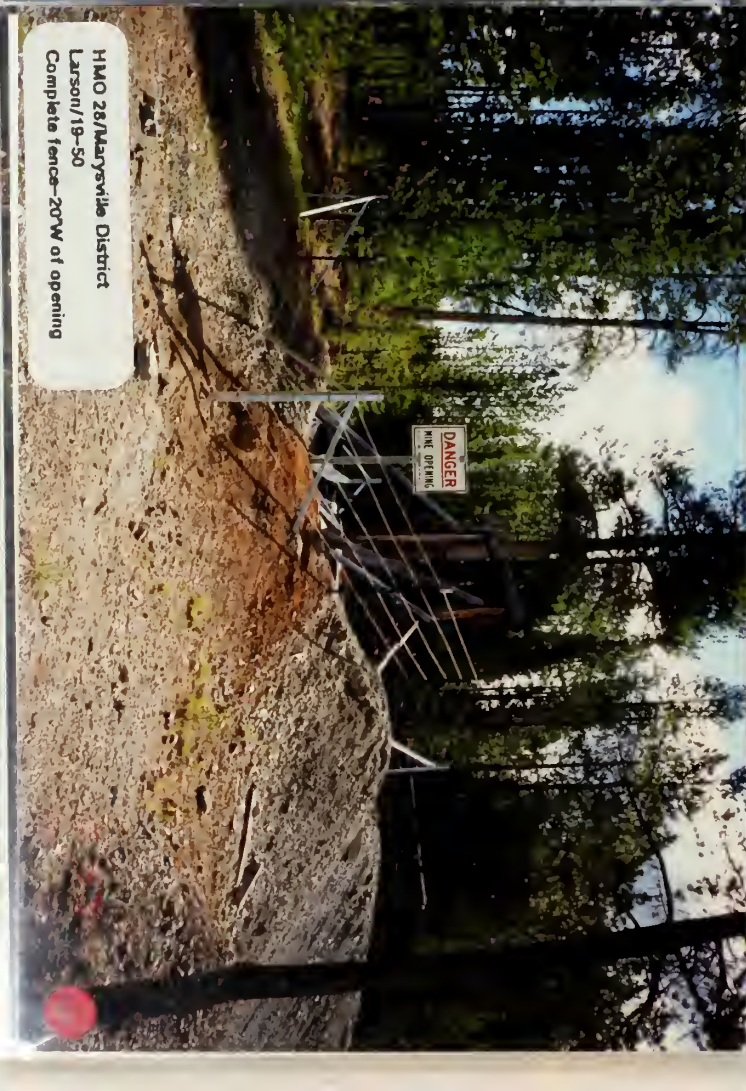
HMO 28/Marysville District  
Kenawa/18-49  
Completed grate-5W of opening



HMO 28/Marysville District  
East Hope/41-51  
Before-10TN of opening



HMO 28/Marysville District  
Larson/19-50  
Before fence-15SE of opening



HMO 28/Marysville District  
Larson/19-50  
Complete fence-20W of opening

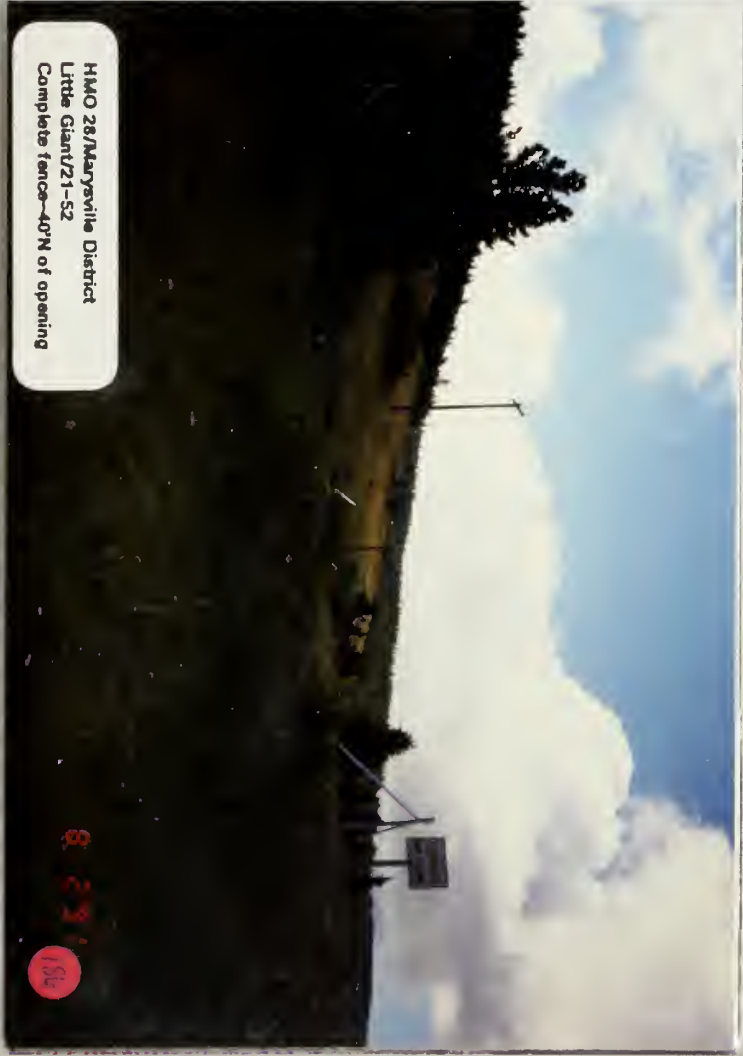




HMO 26/Marysville District  
Last Hope/41-51  
Before - 15' N of opening



HMO 26/Marysville District  
Last Hope/41-51  
Installing culvert-20'N of opening

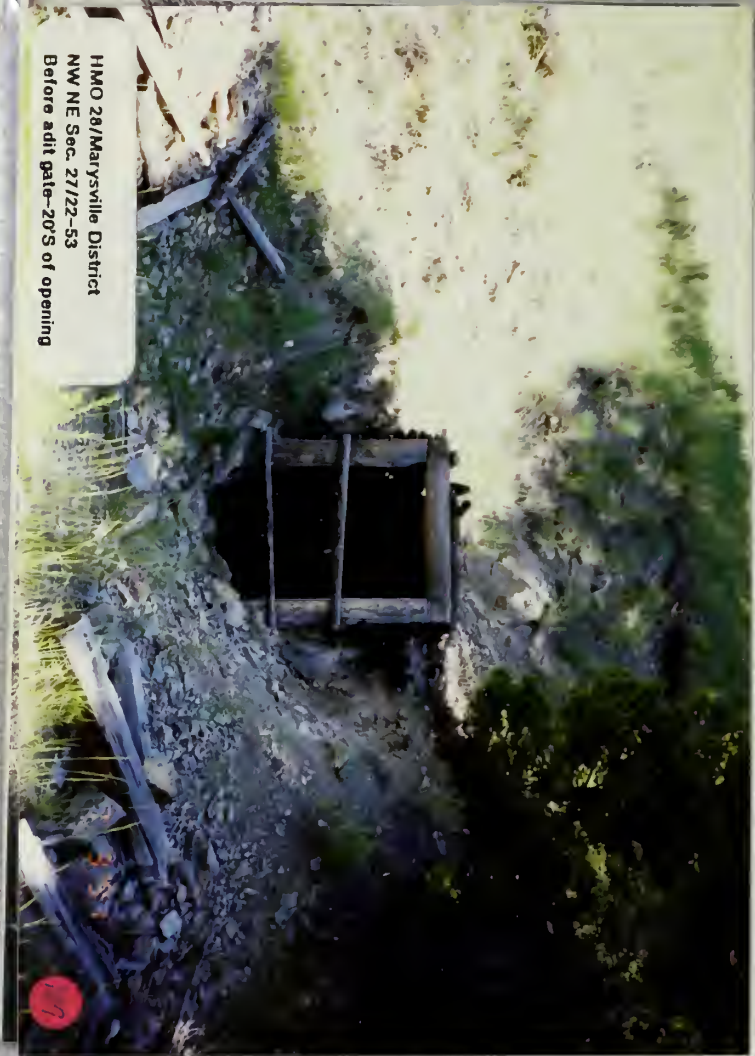


HMO 26/Marysville District  
Little Giant/21-52  
Complete fence-40'N of opening



HMO 26/Marysville District  
Little Giant/21-52  
Before fence-10'SE of opening



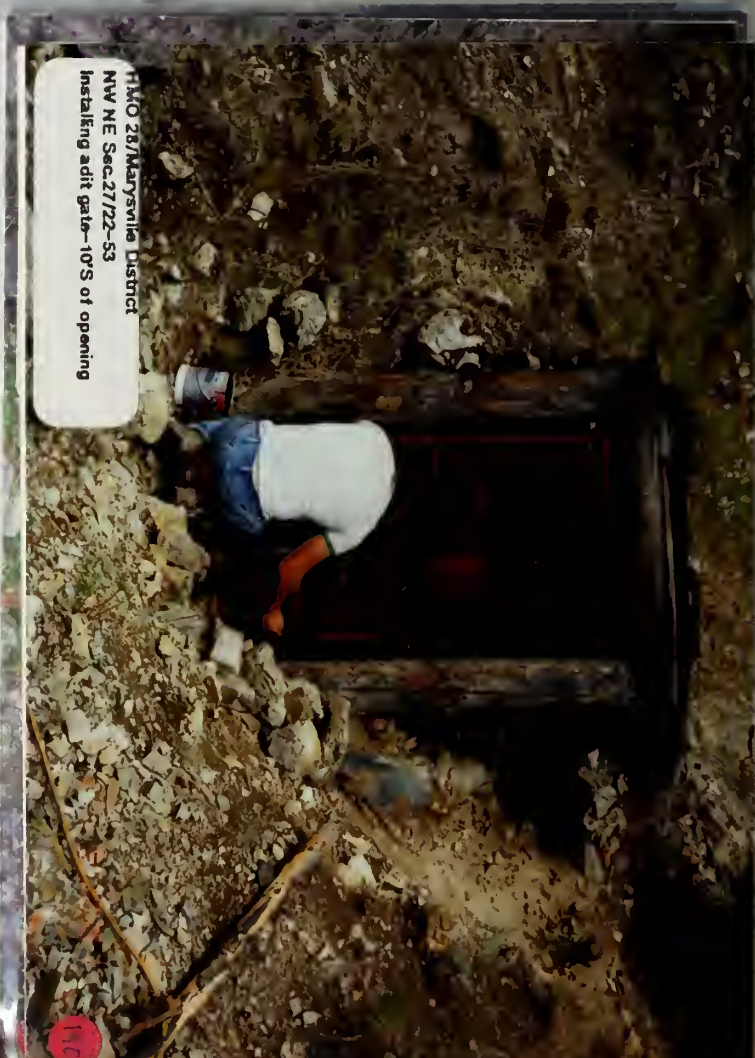


HMO 28/Marysville District  
NW NE Sec. 27/22-S3  
Before adit gate-20'S of opening

149

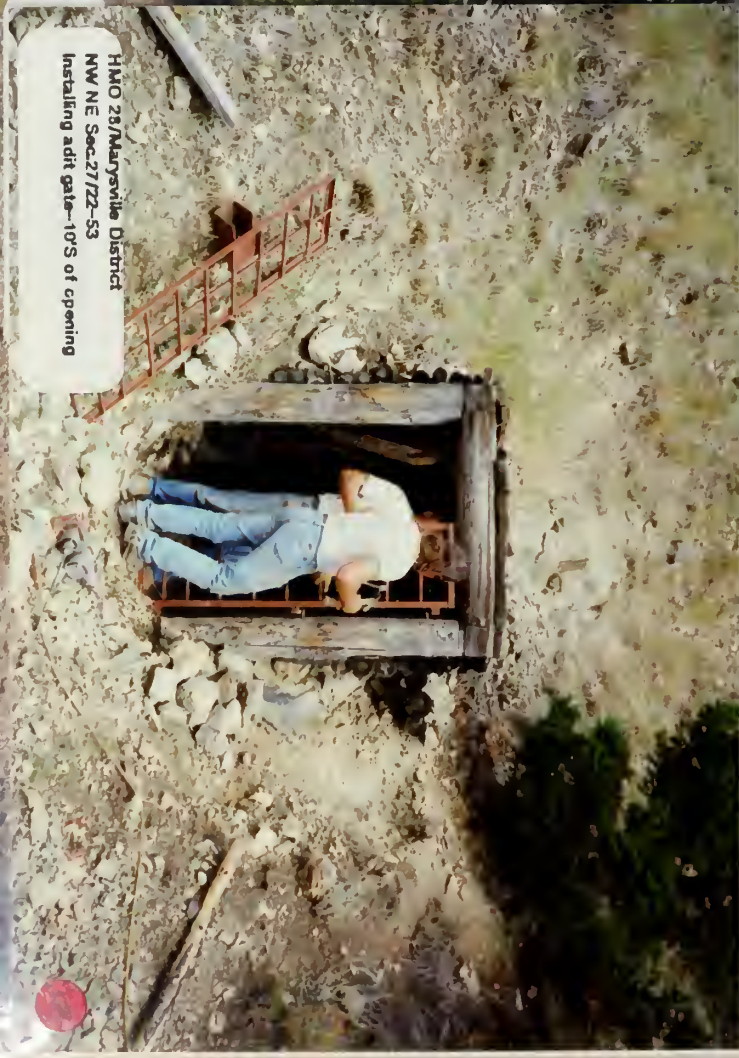


HMO 28/Marysville District  
NW NE Sec. 27/22-S3  
Installing adit gate-10'S of opening



HMO 28/Marysville District  
NW NE Sec. 27/22-S3  
Installing adit gate-10'S of opening

150



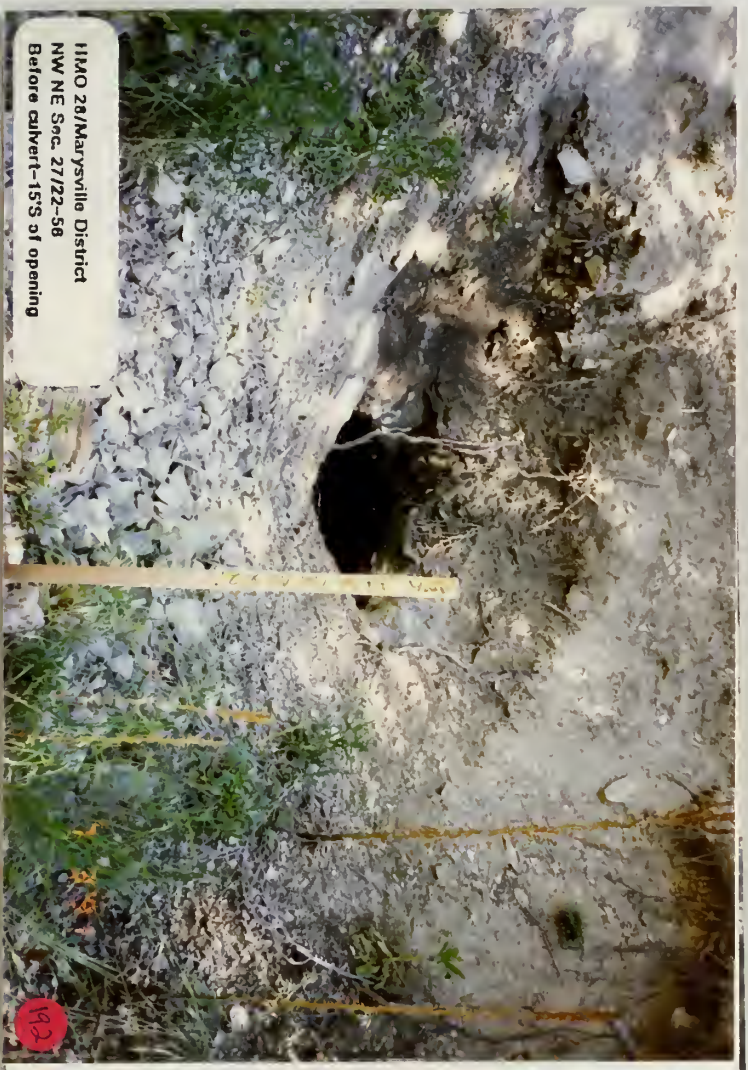
HMO 28/Marysville District  
NW NE Sec. 27/22-S3  
Installing adit gate-10'S of opening

151

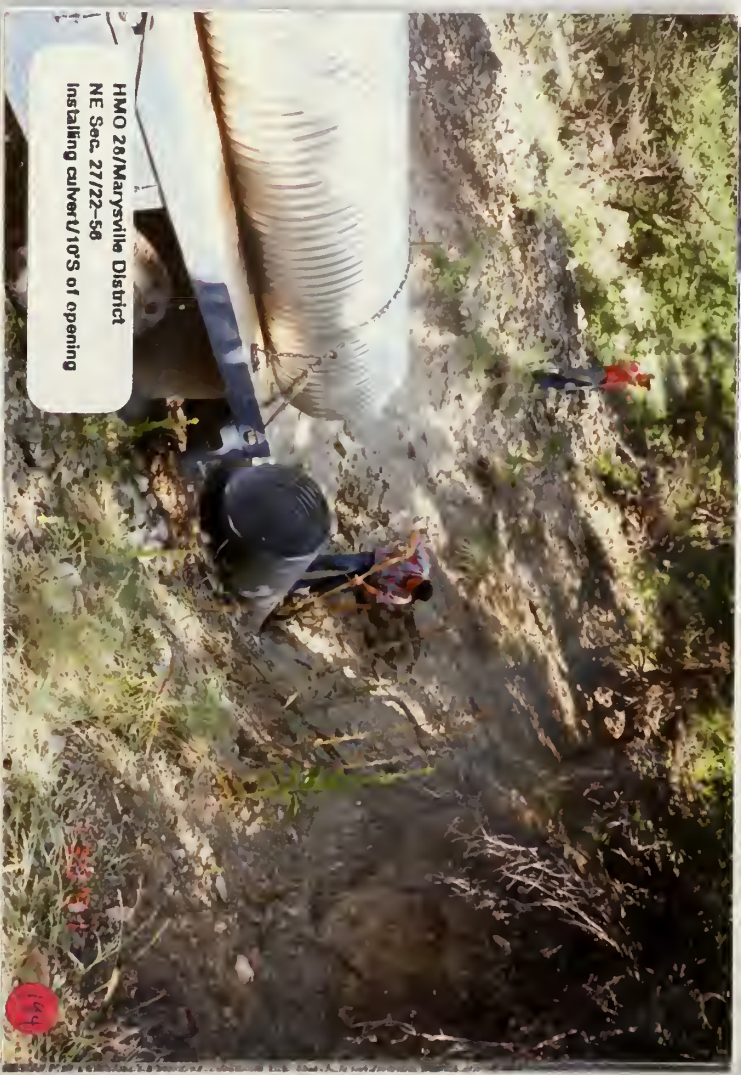




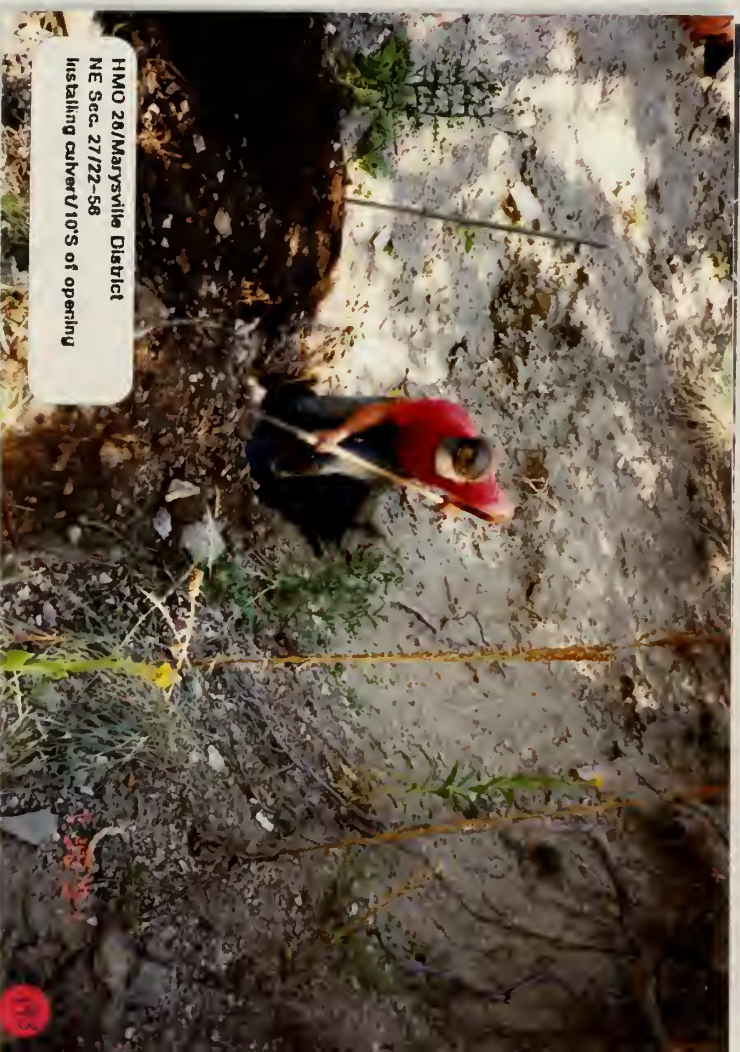
HMO 28/Marysville District  
NW NE Sec.27/22-53  
Complete adit gate-10'S of opening



HMO 28/Marysville District  
NW NE Sec. 27/22-58  
Before culvert-15'S of opening



HMO 28/Marysville District  
NE Sec. 27/22-58  
Installing culvert/10'S of opening



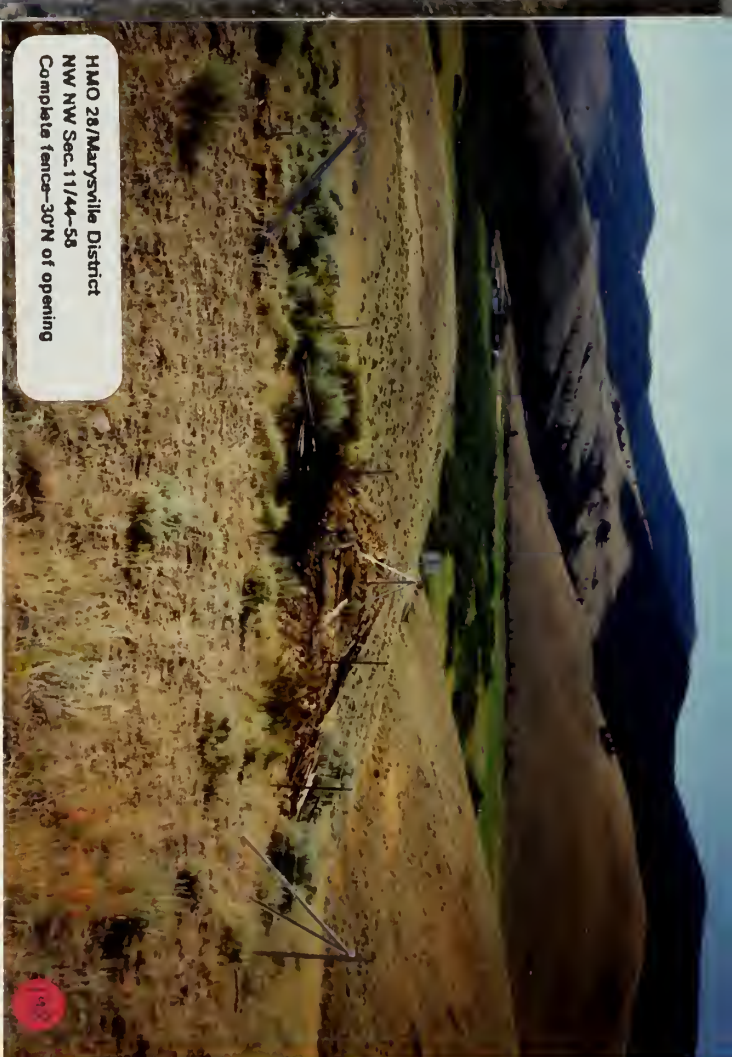
HMO 28/Marysville District  
NE Sec. 27/22-58  
Installing culvert/10'S of opening





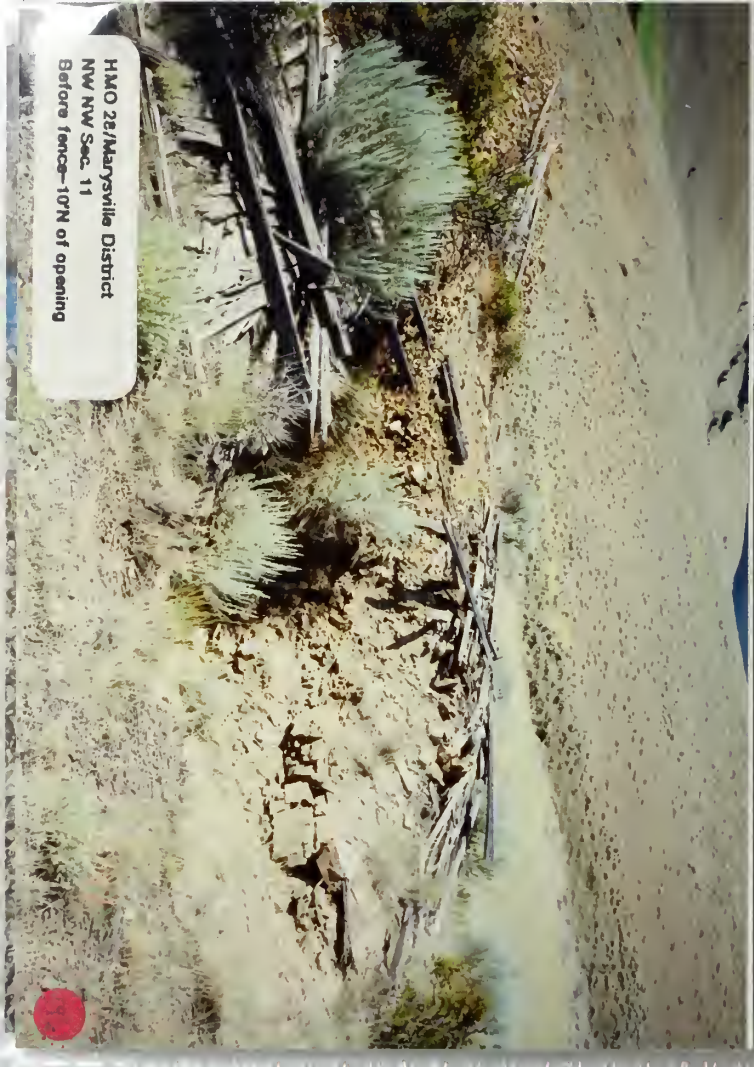
HMO 26/Marysville District  
NW NE Sec.27/22-58  
Complete culvert-10'S of opening

145



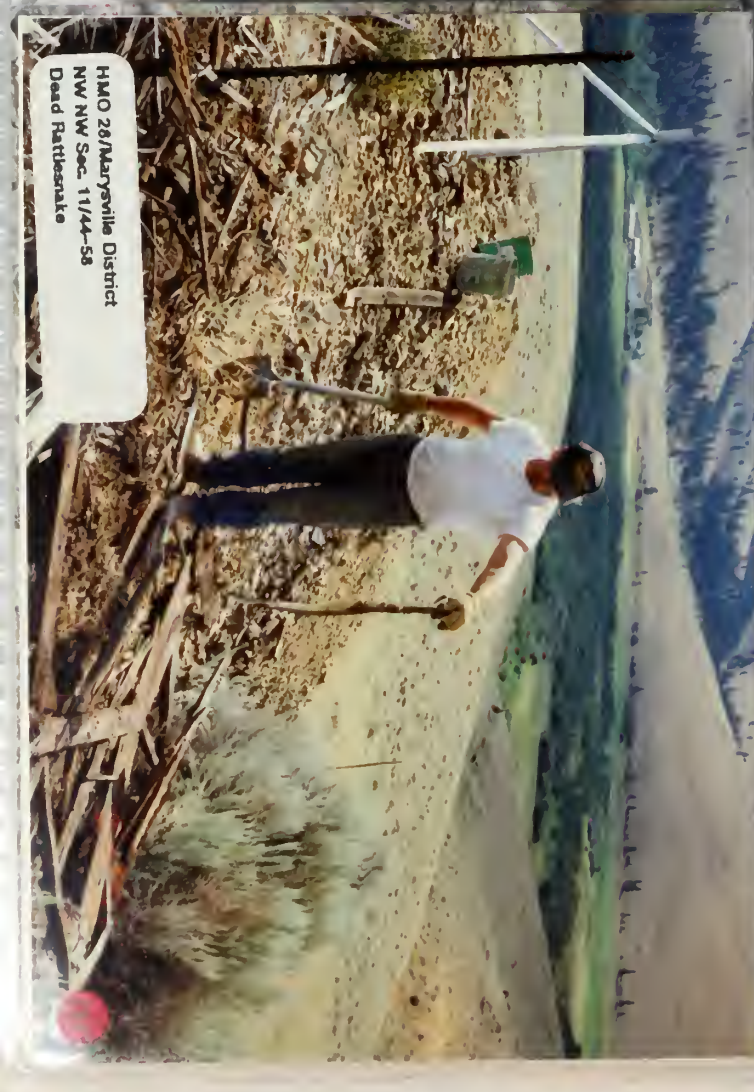
HMO 26/Marysville District  
NW NW Sec.11/44-58  
Complete fence 30'N of opening

146



HMO 26/Marysville District  
NW NW Sec. 11  
Before fence-10'N of opening

147



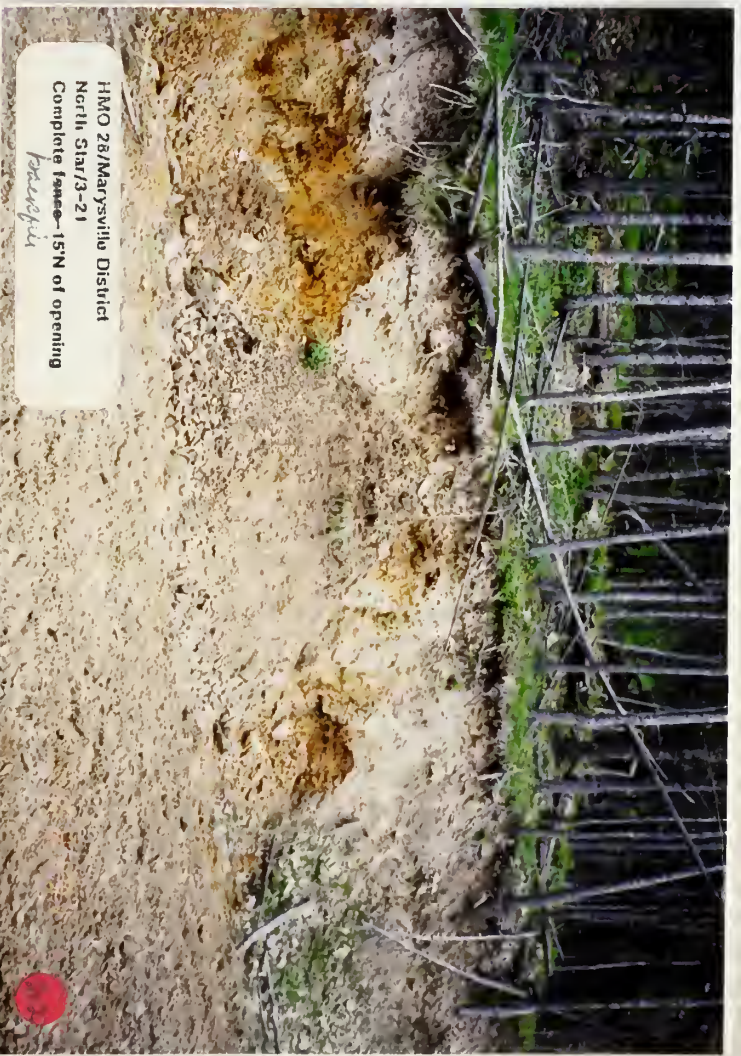
HMO 26/Marysville District  
NW NW Sec. 11/44-58  
Dead Rattlesnake

148

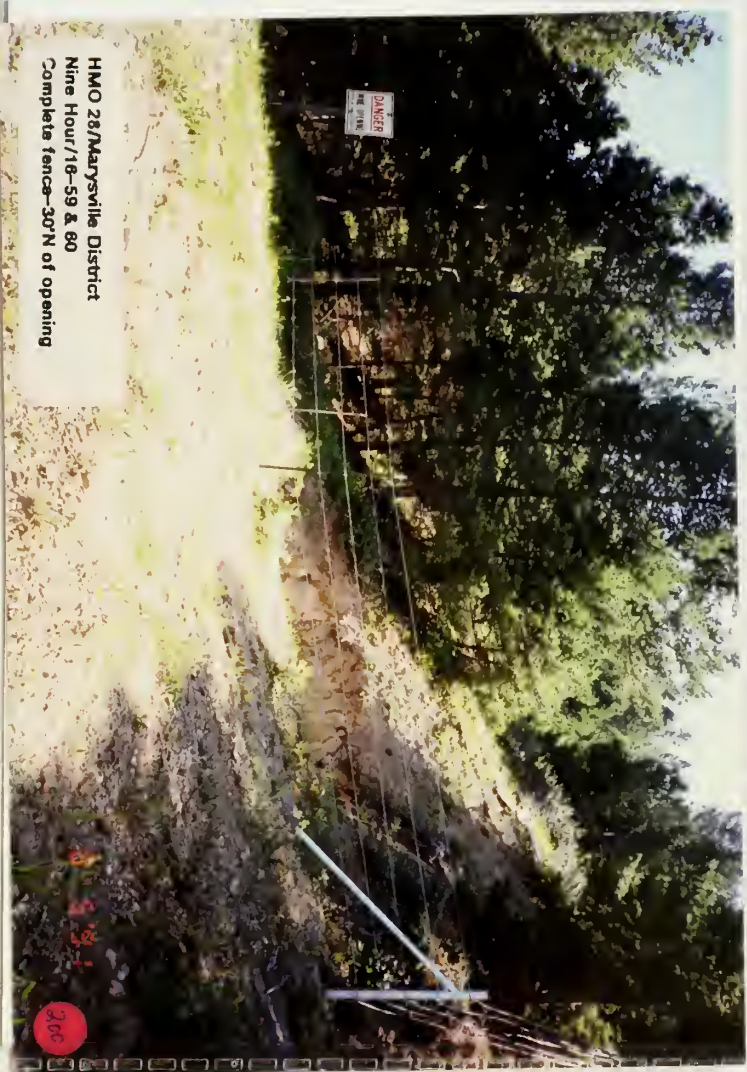




HMO 28/Marysville District  
Nine Hour/18-59 & 80  
Before fence



HMO 28/Marysville District  
North Star/3-21  
Complete fence-15N of opening  
*penetration*

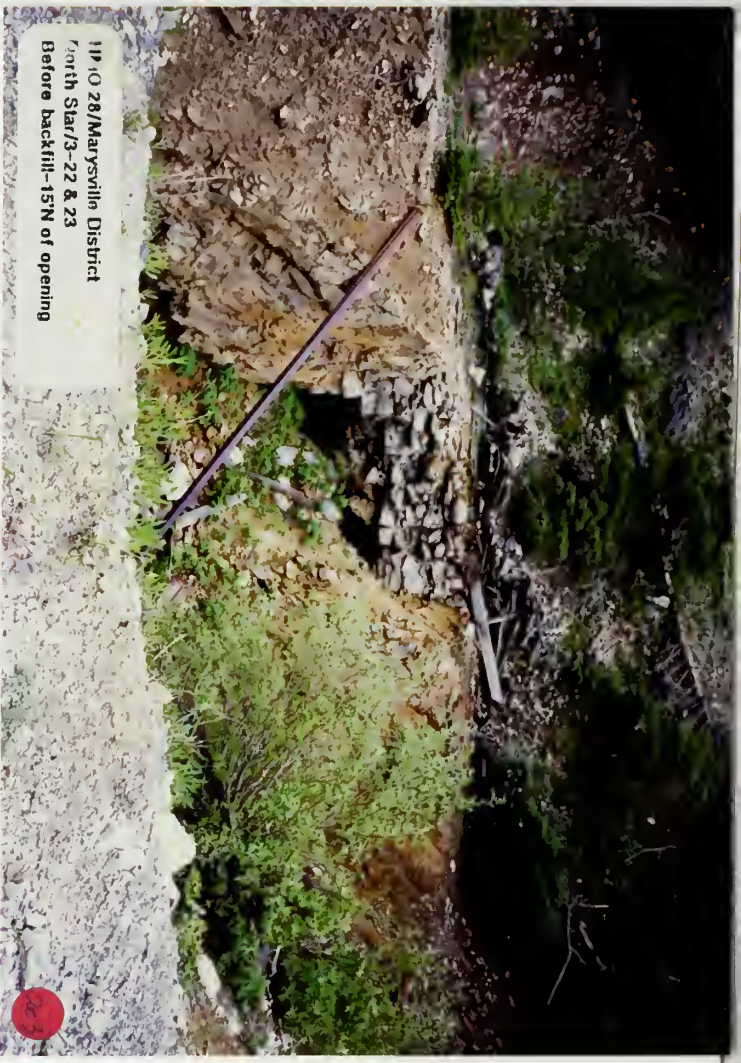


HMO 28/Marysville District  
Nine Hour/18-59 & 80  
Complete fence-30N of opening



HMO 28/Marysville District  
North Star/3-21  
Before backfill-15N of opening





HMO 28/Marysville District  
North Star/3-22 & 23  
Before backfill-15N of opening

283

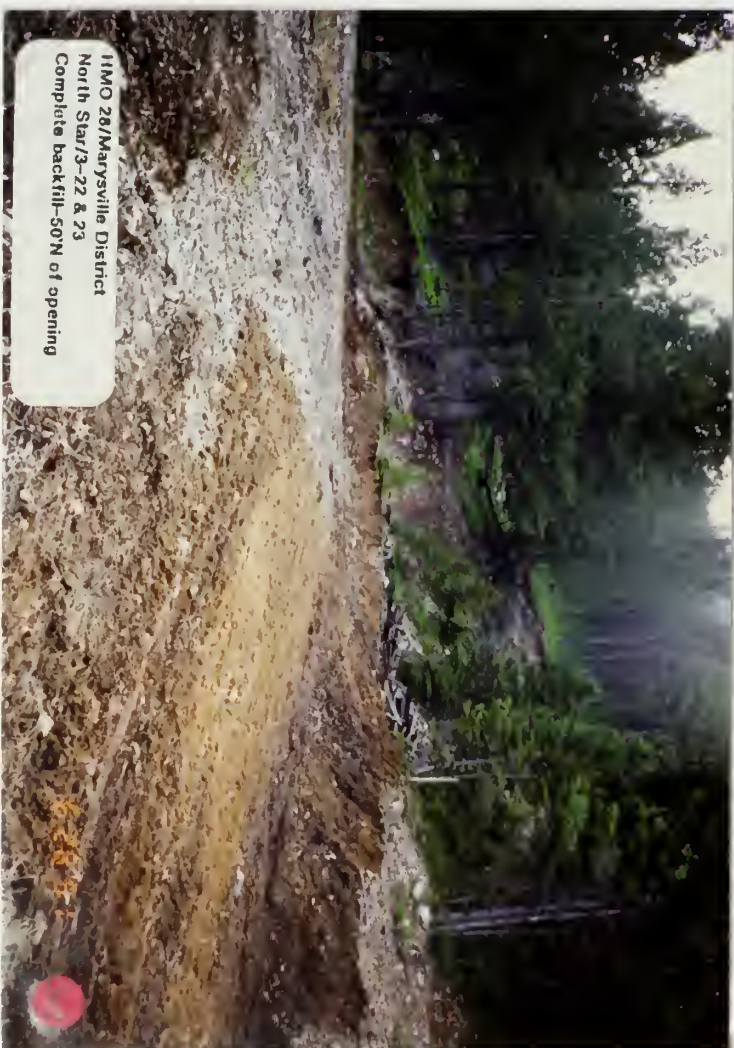


HMO 28/Marysville District  
North Star/3-22 & 23  
Complete backfill-50W of opening

283



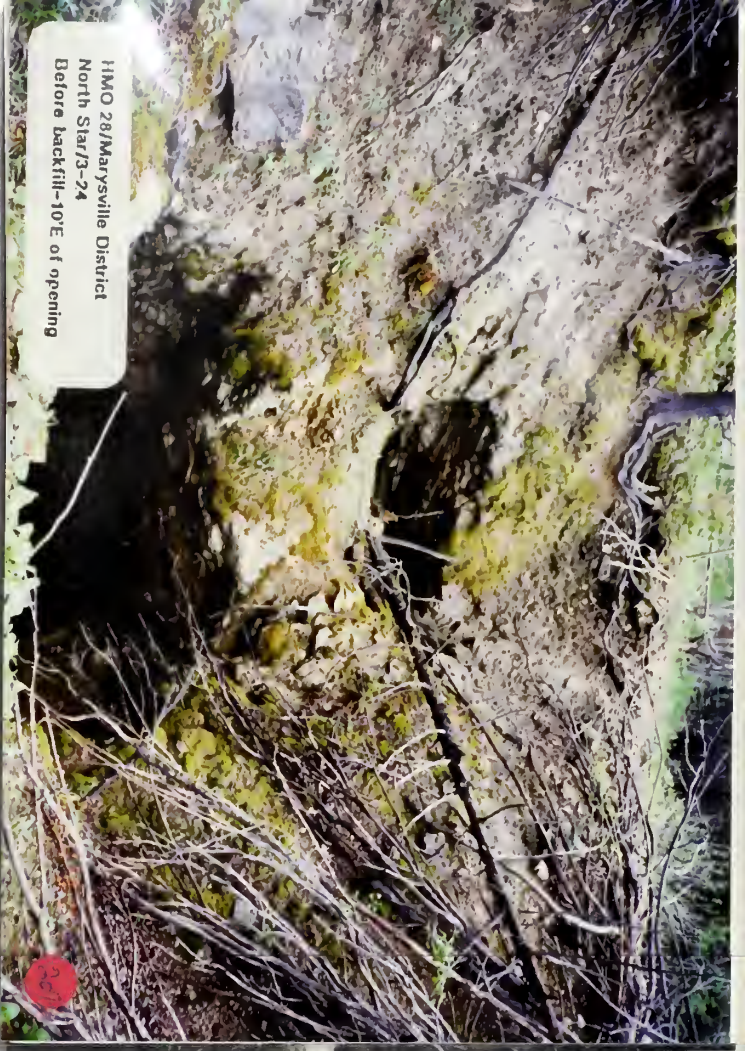
HMO 28/Marysville District  
North Star/3-22 & 23  
Backfilling-20N of opening



HMO 28/Marysville District  
North Star/3-22 & 23  
Complete backfill-50N of opening

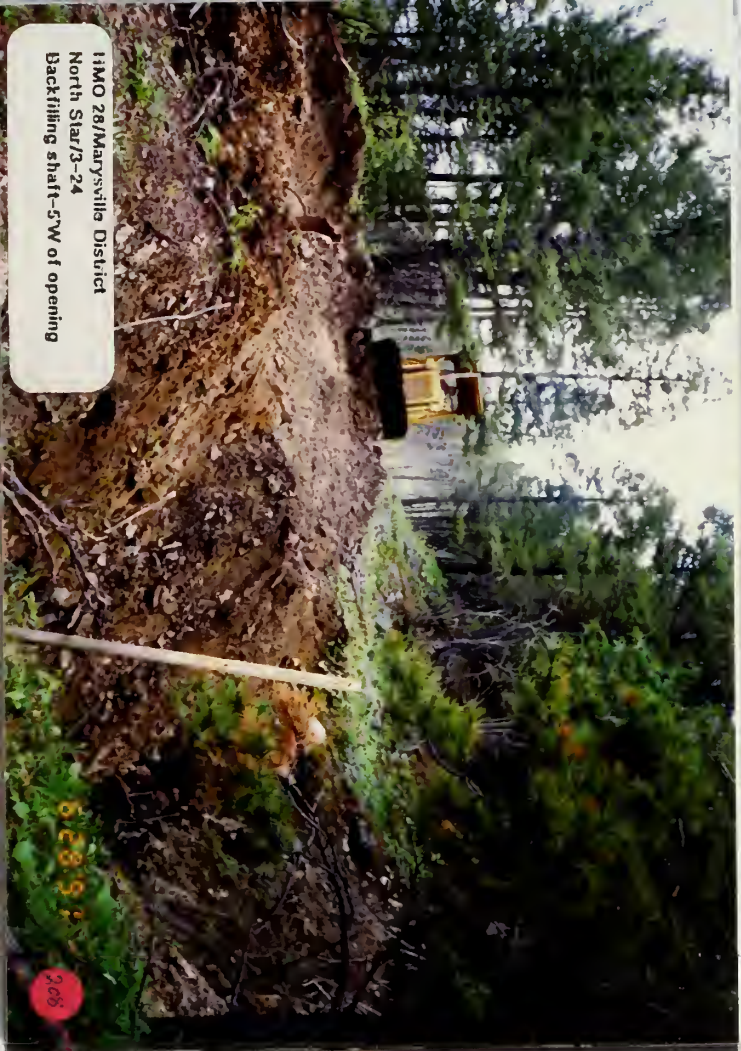
283





HMO 28/Marysville District  
North Sta/3-24  
Before backfill-10'E of opening

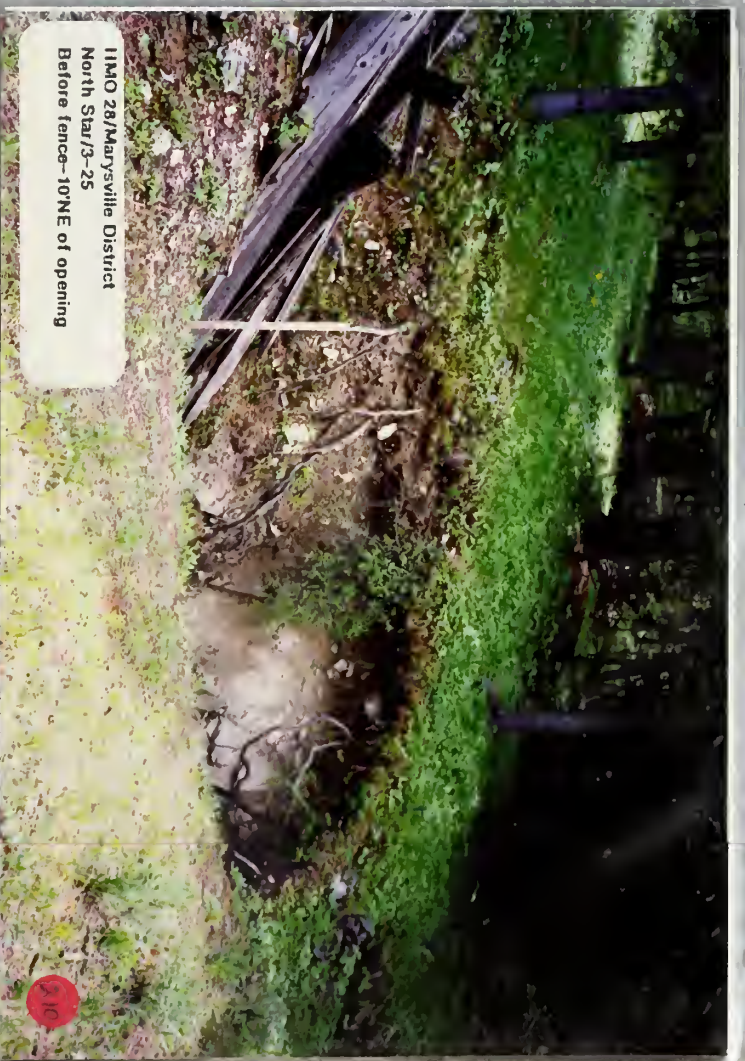
208



HMO 28/Marysville District  
North Sta/3-24  
Backfilling shaft-5'W of opening

208

208



HMO 28/Marysville District  
North Sta/3-25  
Before fence-10'NE of opening

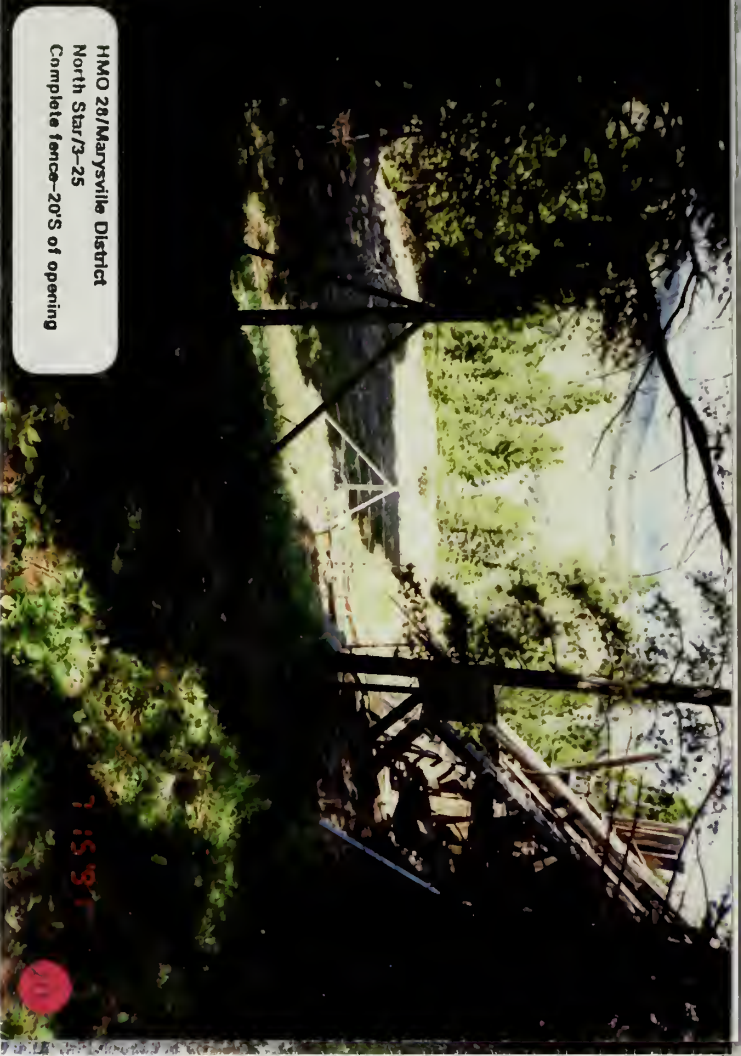
209



HMO 28/Marysville District  
North Sta/3-24  
Complete backfill-10'W of opening

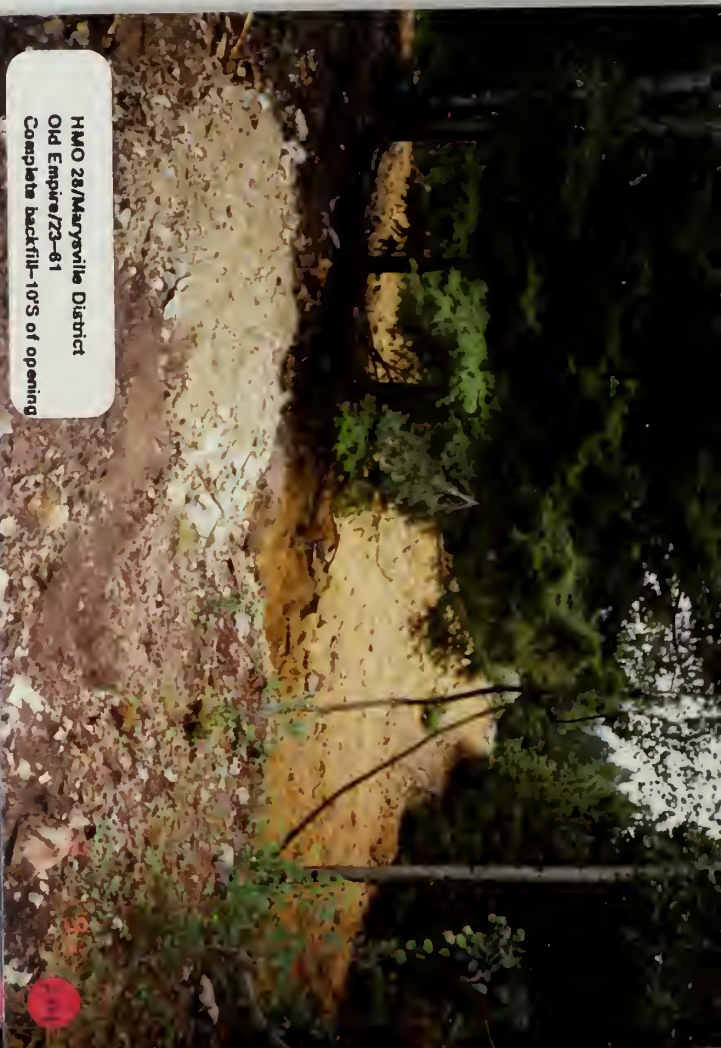
209





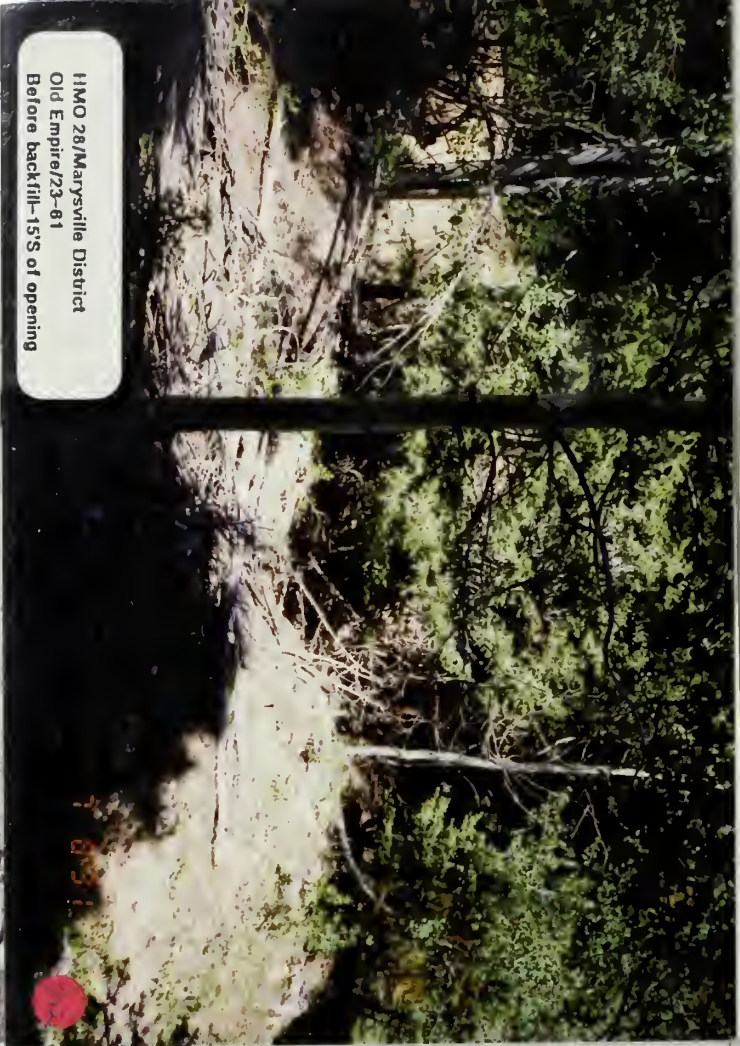
HMO 28/Marysville District  
North Star/3-25  
Complete fence-20'S of opening

7:15:31



HMO 28/Marysville District  
Old Empire/23-81  
Complete backfill-10'S of opening

7:15:31



HMO 28/Marysville District  
Old Empire/23-81  
Before backfill-15'S of opening

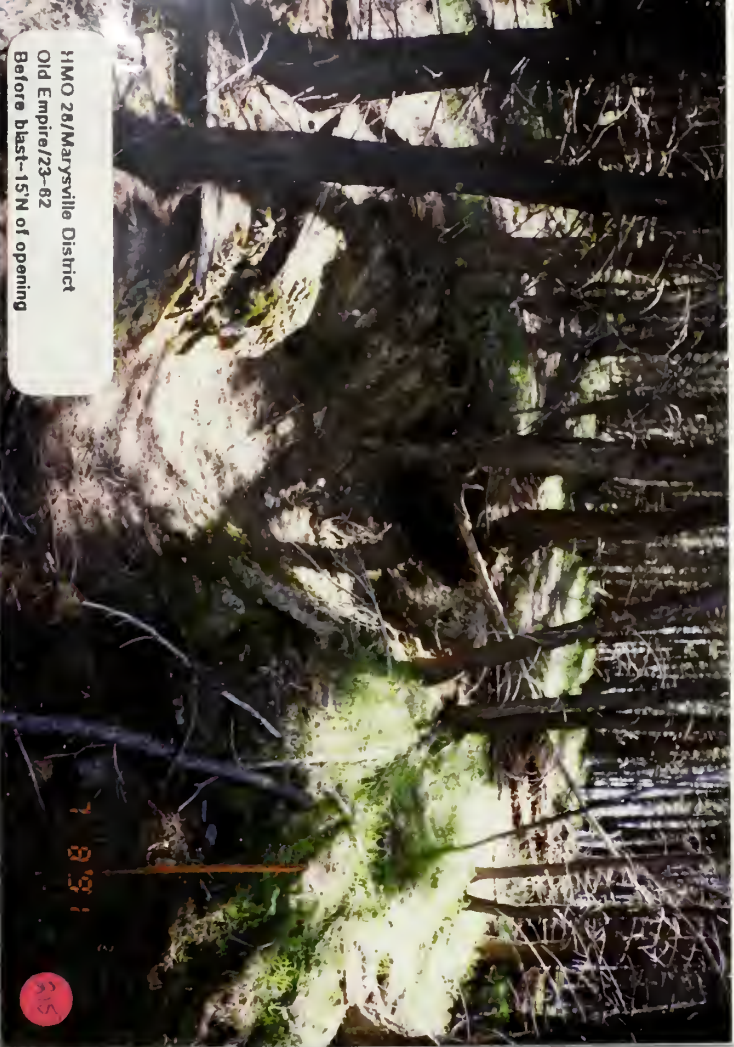
7:15:31



HMO 28/Marysville District  
Old Empire/23-81  
Complete backfill-30' W of opening

7:15:31





HMO 28/Marysville District  
Old Empire/23-62  
Before blast-15'N of opening

65

1831



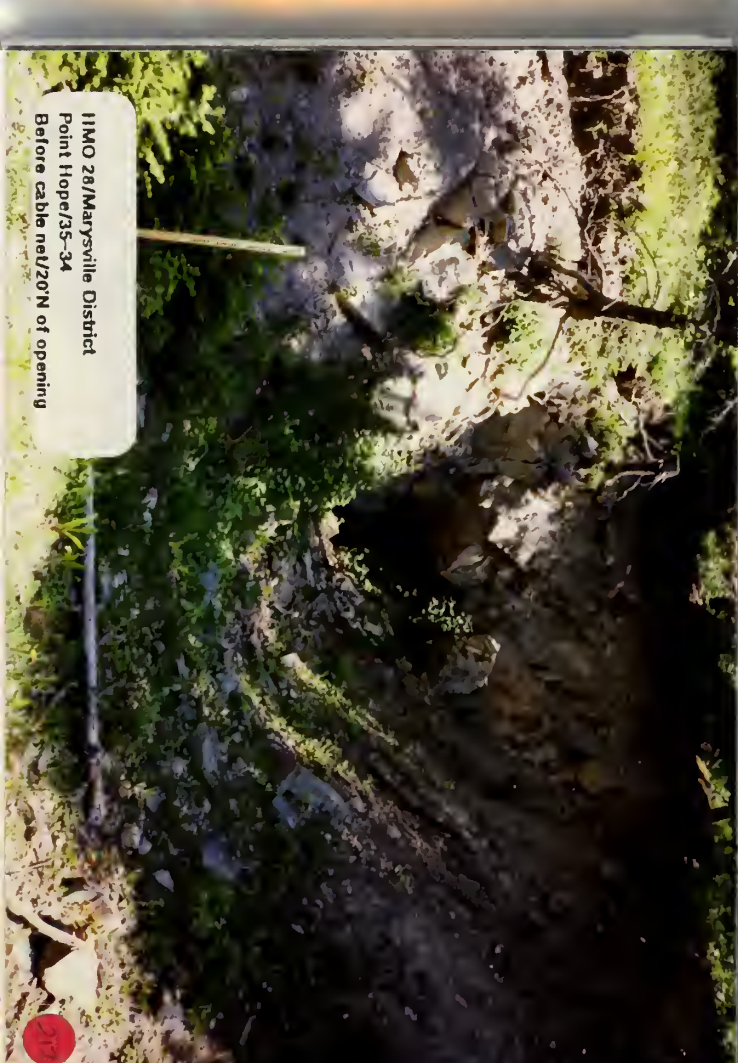
HMO 28/Marysville District  
Point Hope/35-34  
Installing culvert-20'N of opening

66



HMO 28/Marysville District  
Old Empire/23-62  
Complete backfill-10'S of opening

67



HMO 28/Marysville District  
Point Hope/35-34  
Before cable net/20'N of opening

68





HMO 28/Marysville District  
Robert Emmett/25-63  
Before fence-10'W of opening



HMO 28/Marysville District  
Robert Emmett/25-64  
Before culvert-10'S of opening

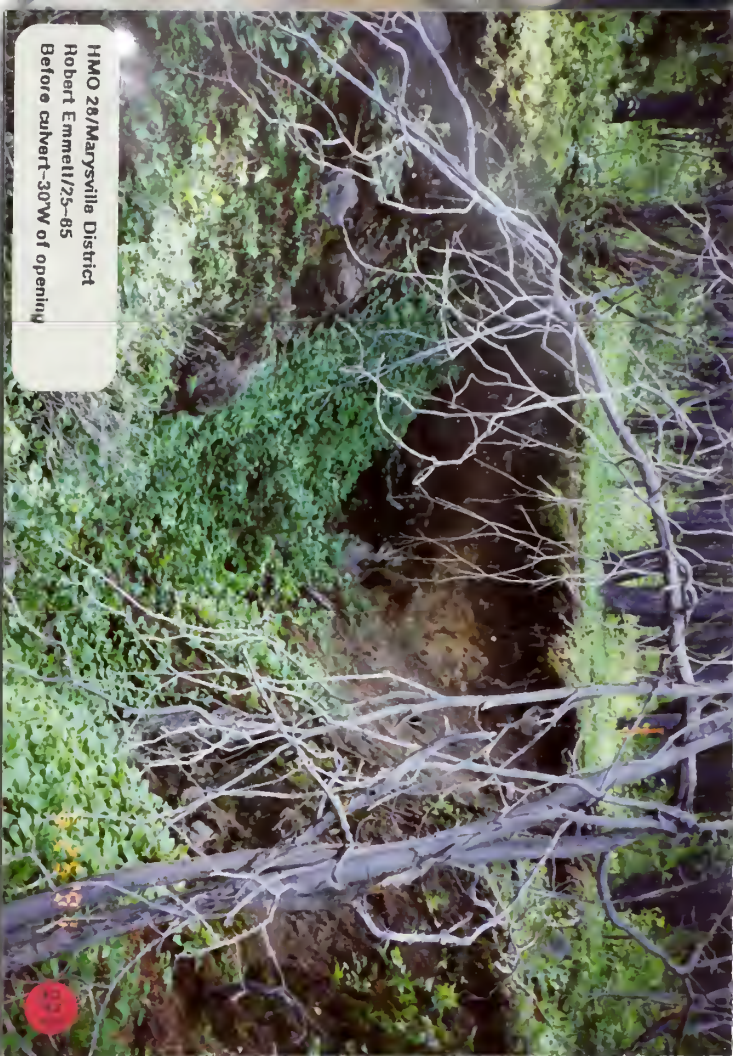


HMO 28/Marysville District  
Robert Emmett/25-64  
Installing culvert-5'W of opening



HMO 28/Marysville District  
Robert Emmett/25-64  
Installing culvert-5'W of opening





HMO 26/Marysville District  
Robert Emmett/25-65  
Before culvert-30'W of opening



HMO 26/Marysville District  
Robert Emmett/25-65  
Completed culvert-35'W of opening

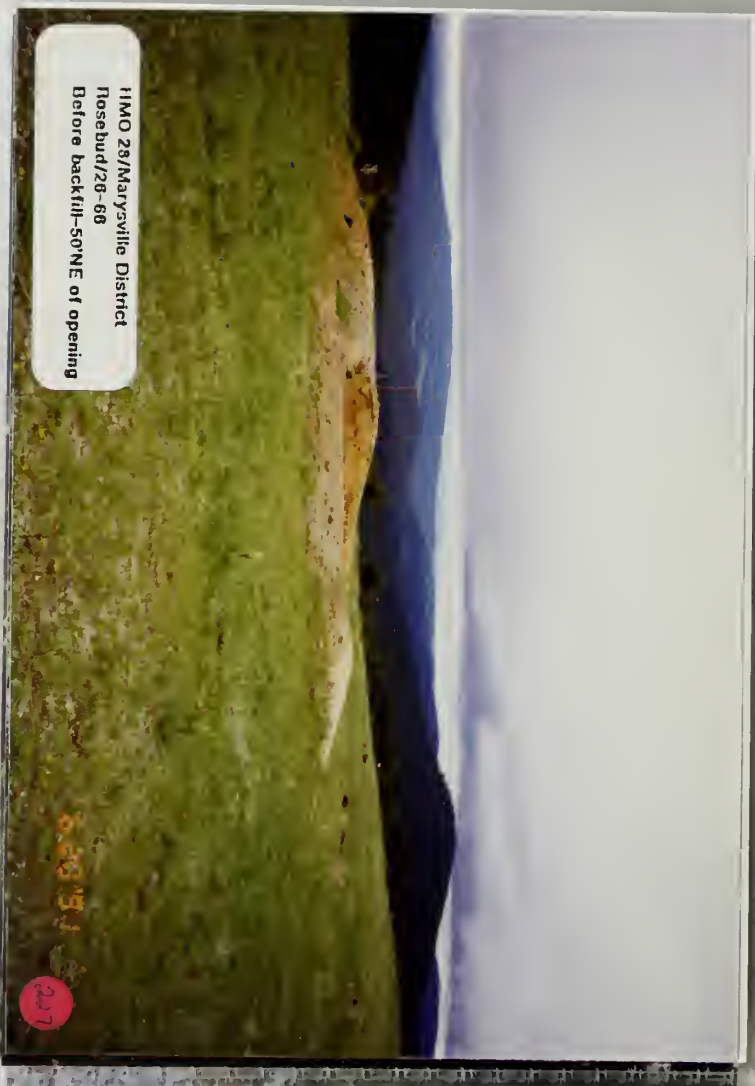


HMO 28/Marysville District  
Robert Emmett/25-65  
Installing drain pipe-20'W of opening



HMO 28/Marysville District  
Robert Emmett/25-65  
Installing grate-20'W of opening

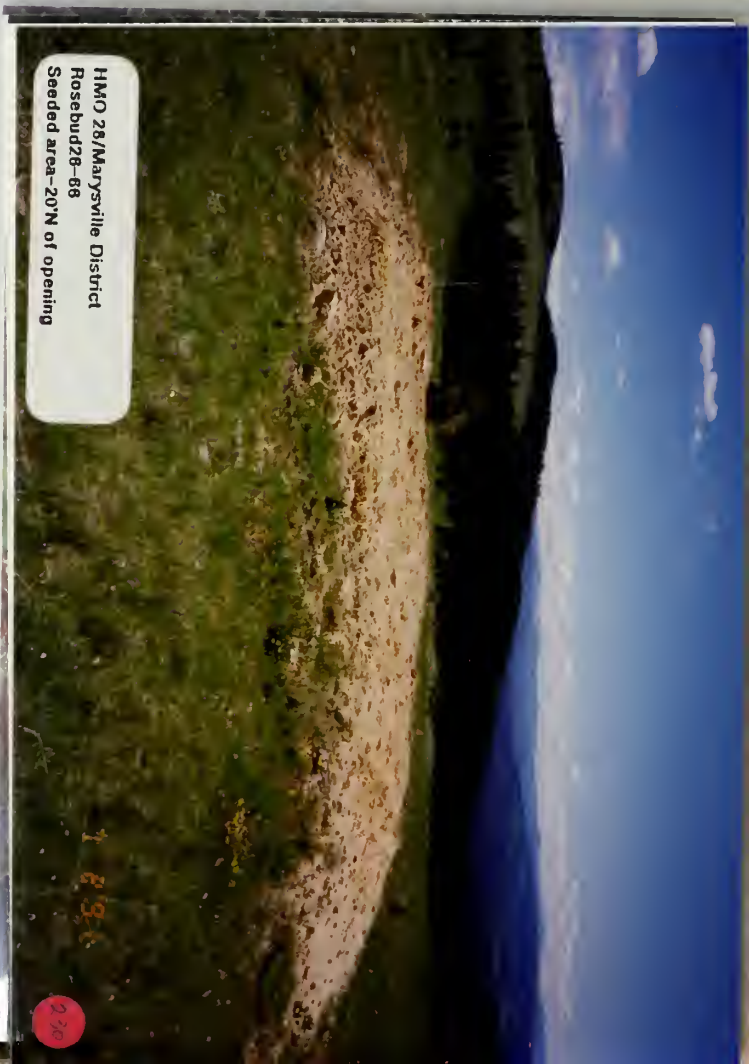




HMO 28/Marysville District  
Rosebud/28-68  
Before backfill-50'NE of opening

6-20-91

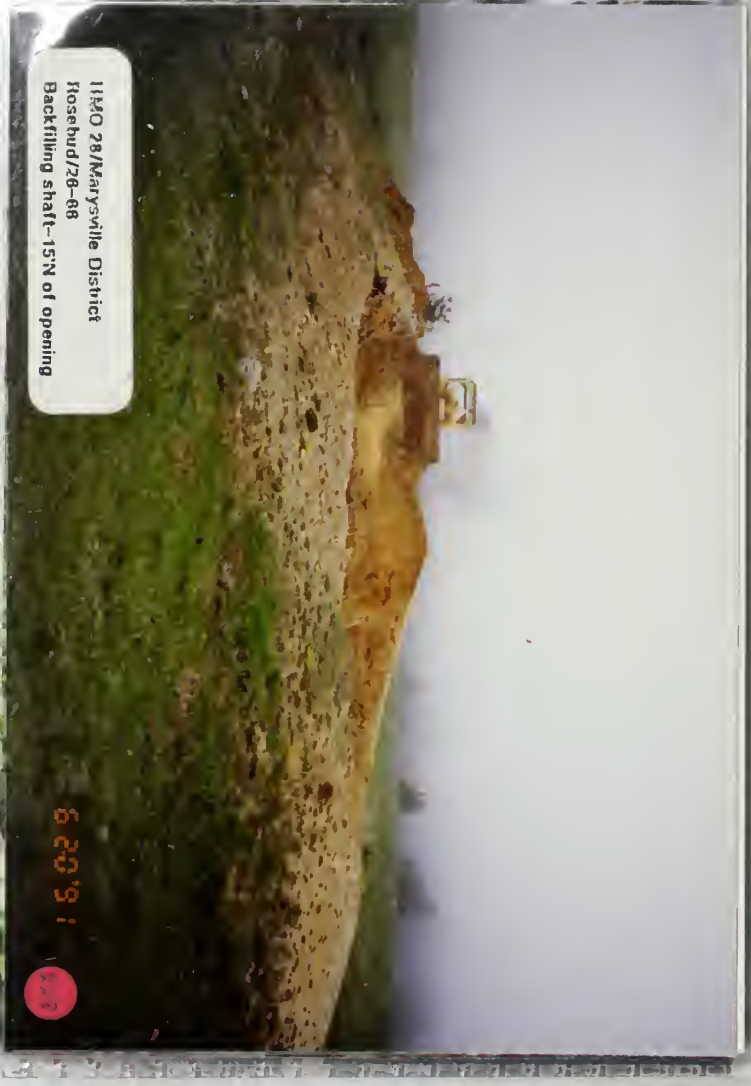
227



HMO 28/Marysville District  
Rosebud28-68  
Seeded area-20'N of opening

1 6-3-6

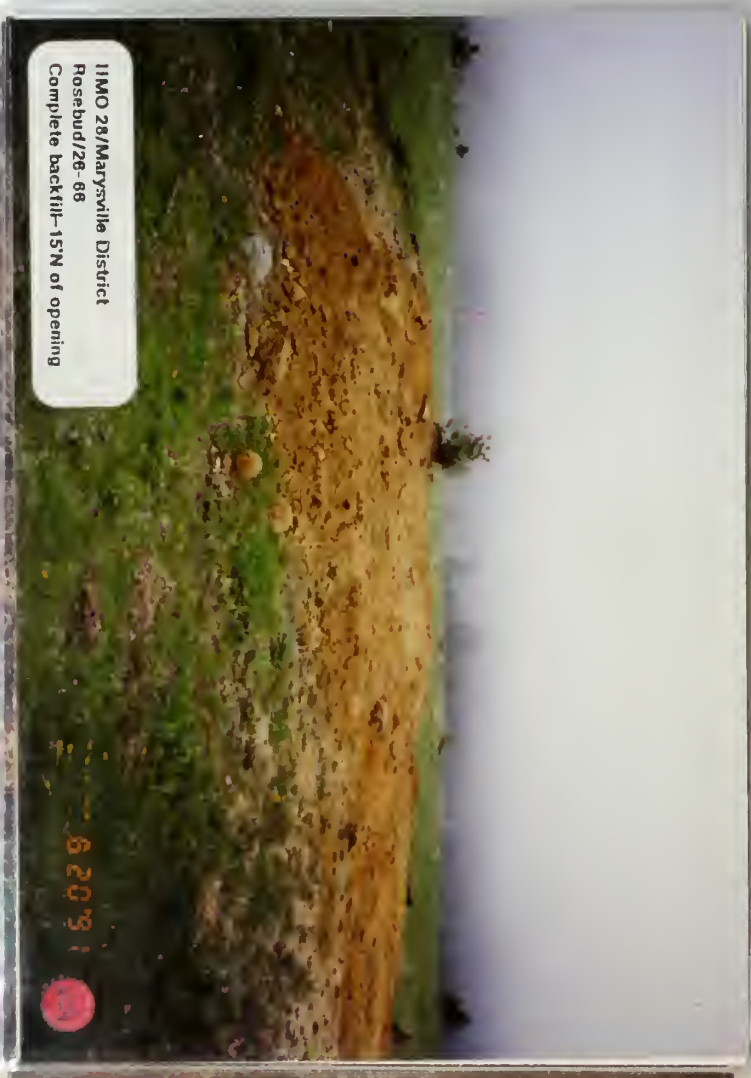
230



HMO 28/Marysville District  
Rosebud/28-68  
Backfilling shaft-15'N of opening

6-20-91

229



HMO 28/Marysville District  
Rosebud/28-68  
Complete backfill-15'N of opening

6-20-91

231





HMO 28/Marysville District  
SE NE Sec. 10/45-88  
Before fence-10'E of opening



HMO 28/Marysville District  
SE NE Sec. 10/45-88  
Before blast-10'S of opening

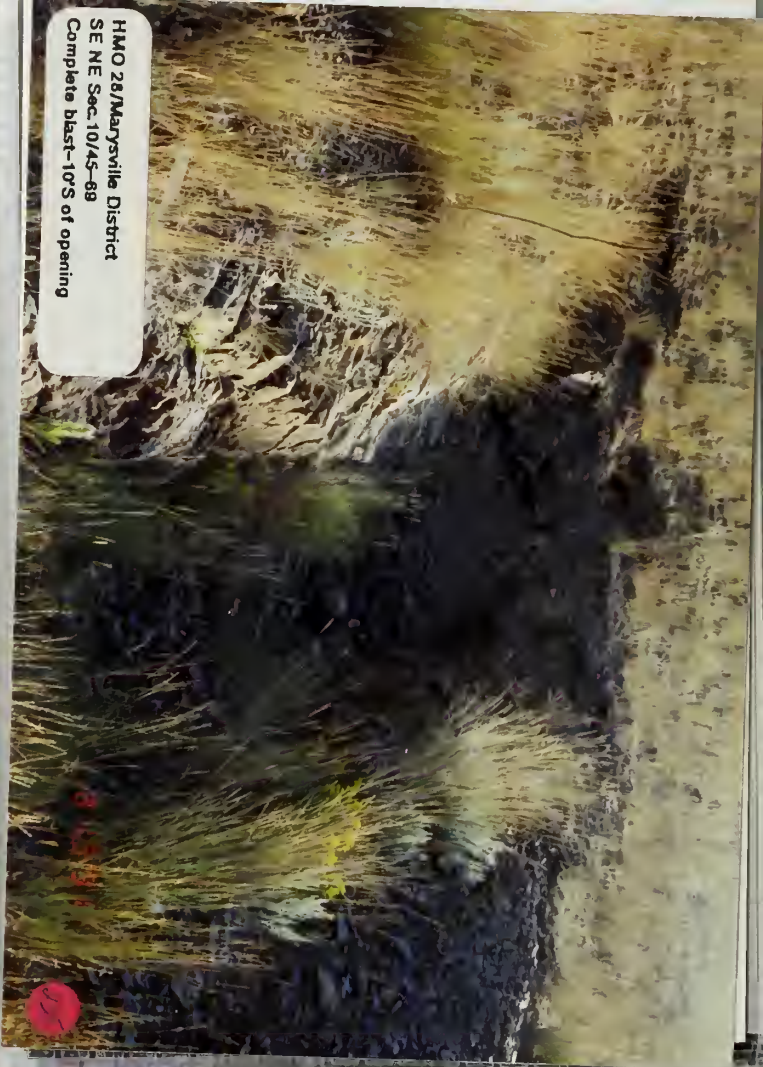


HMO 28/Marysville District  
SE NE Sec. 10/45-88  
Installing corner post-15'E of  
opening

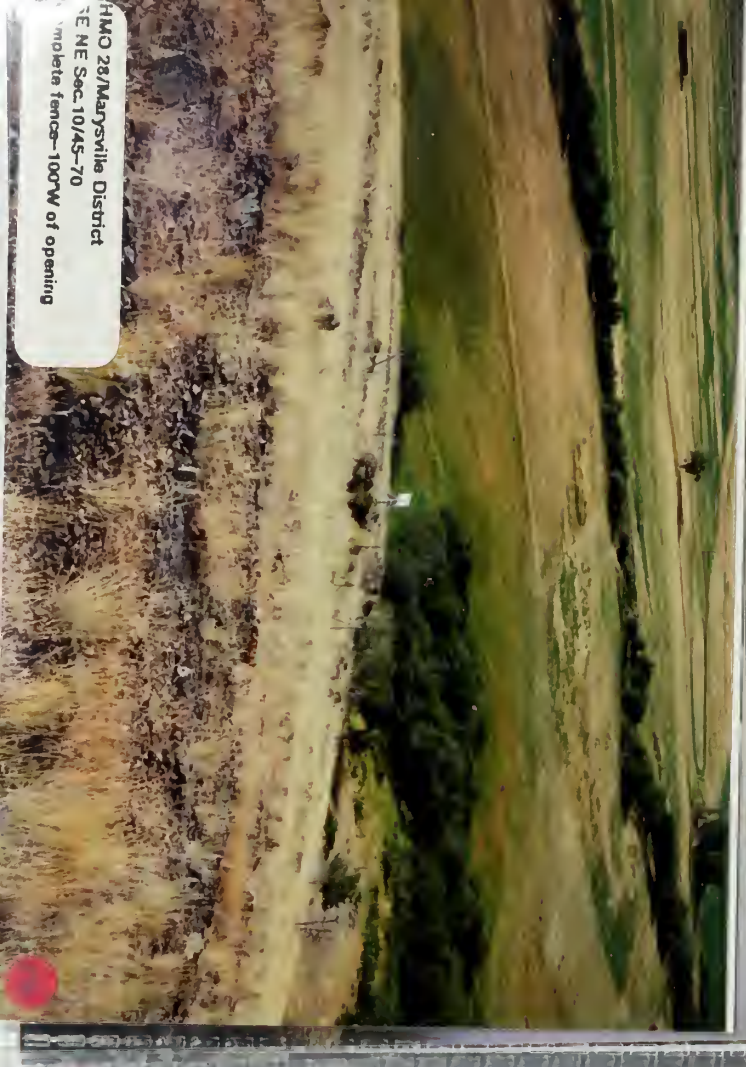


HMO 28/Marysville District  
SE NE Sec. 10/45-88  
Complete fence-40'N of opening

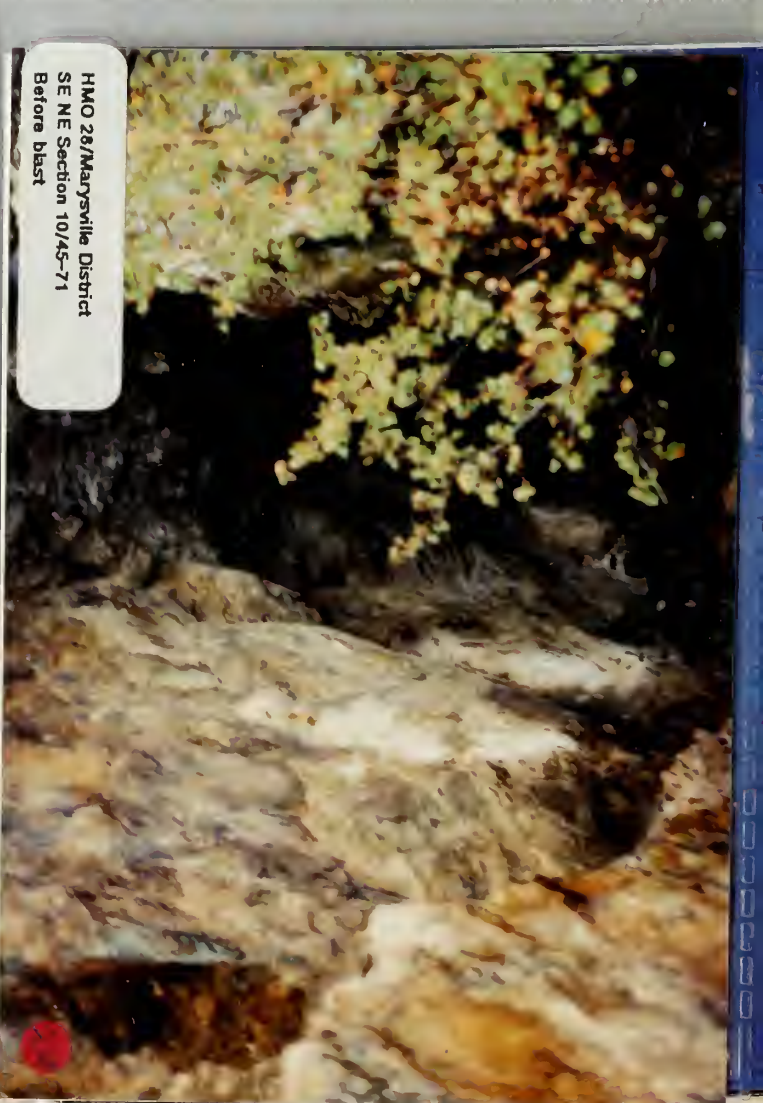




HMO 28/Marysville District  
SE NE Sec. 10/45-68  
Complete blast-10' S of opening



HMO 28/Marysville District  
SE NE Sec. 10/45-70  
Complete fence-100' W of opening

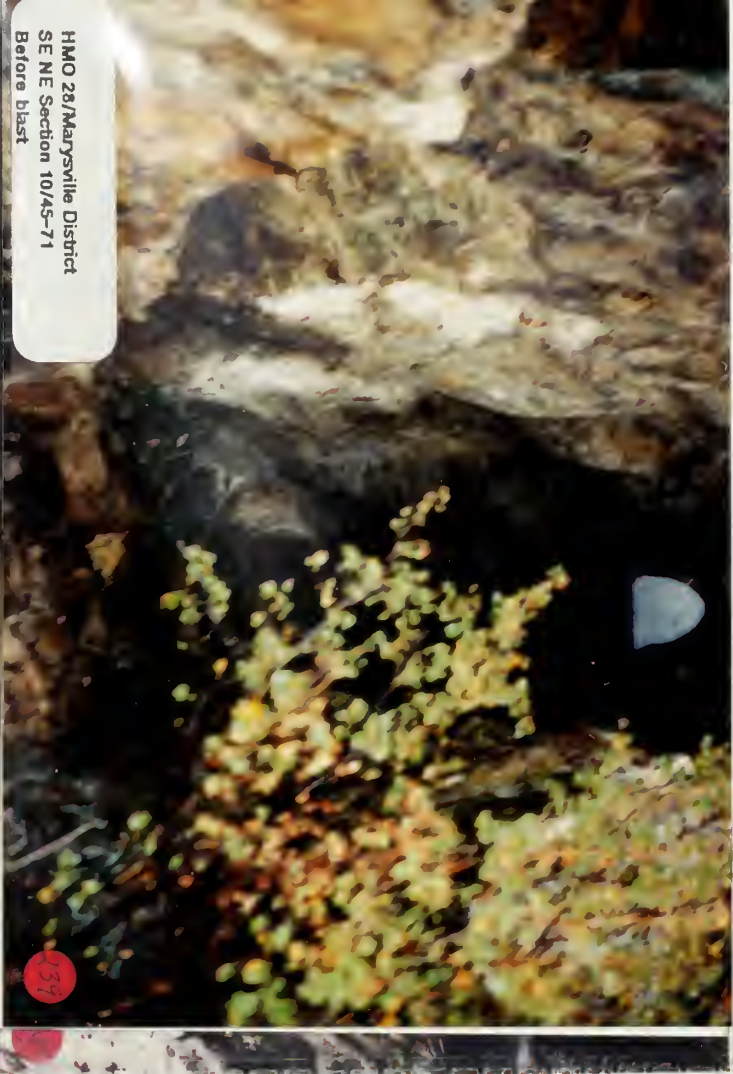


HMO 28/Marysville District  
SE NE Section 10/45-71  
Before blast

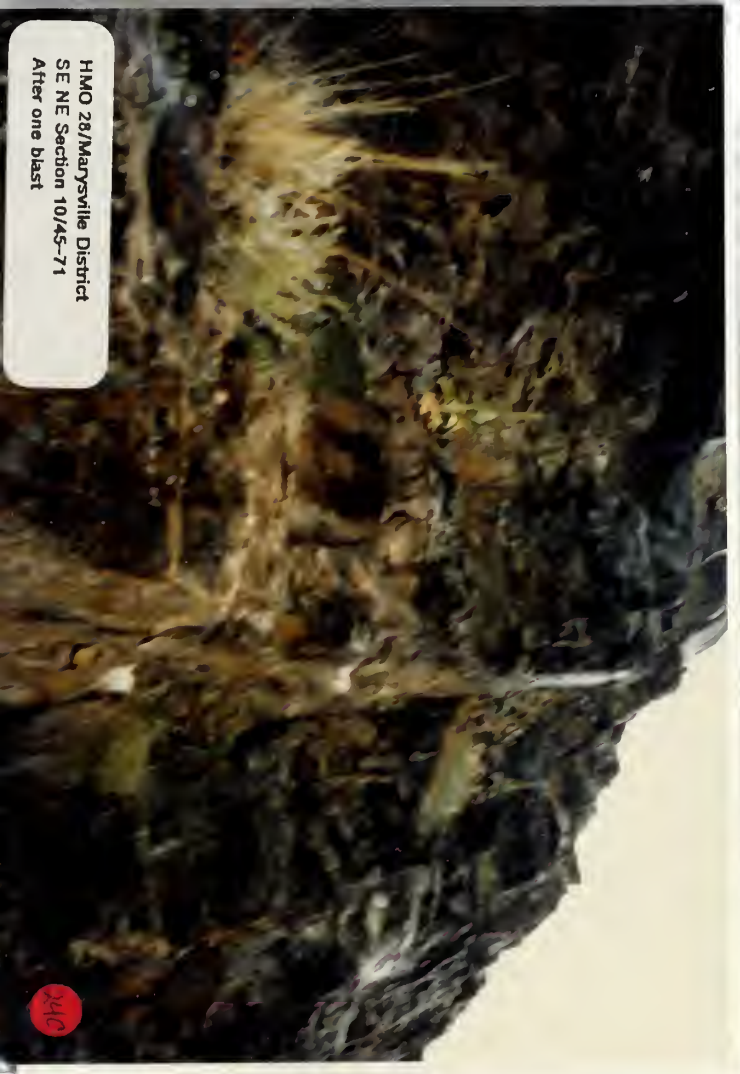


HMO 28/Marysville District  
SE NE Section 10/45-71  
Before blast





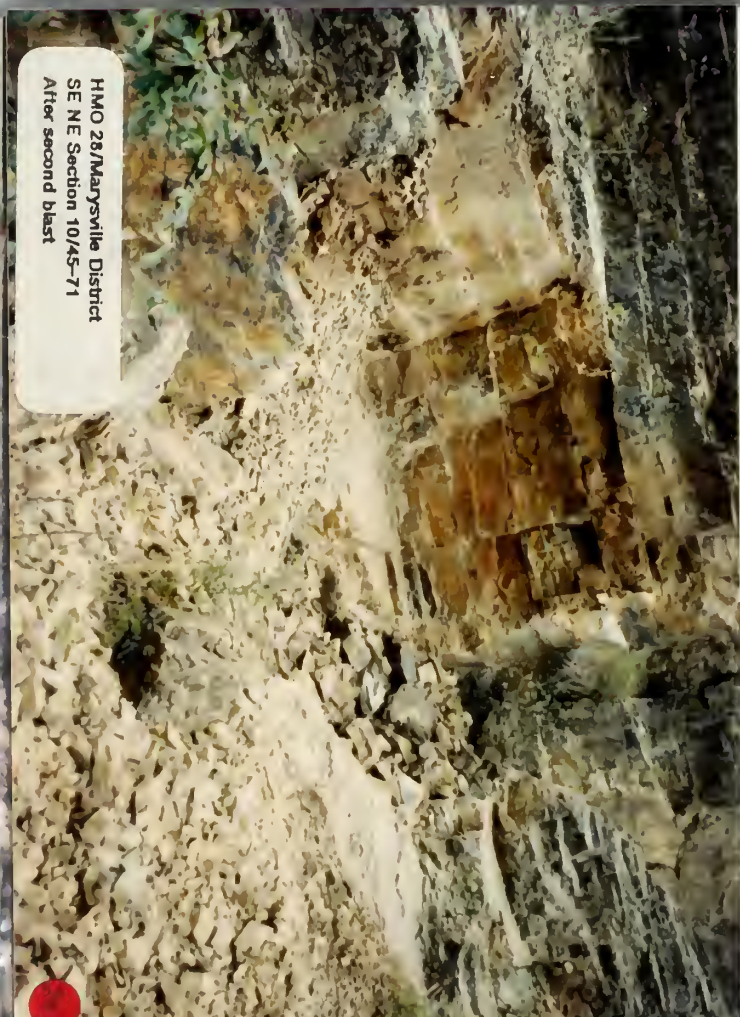
HMO 28/Marysville District  
SE NE Section 10/45-71  
Before blast



HMO 28/Marysville District  
SE NE Section 10/45-71  
After one blast



HMO 28/Marysville District  
SE NE Section 10/45-71  
After third blast

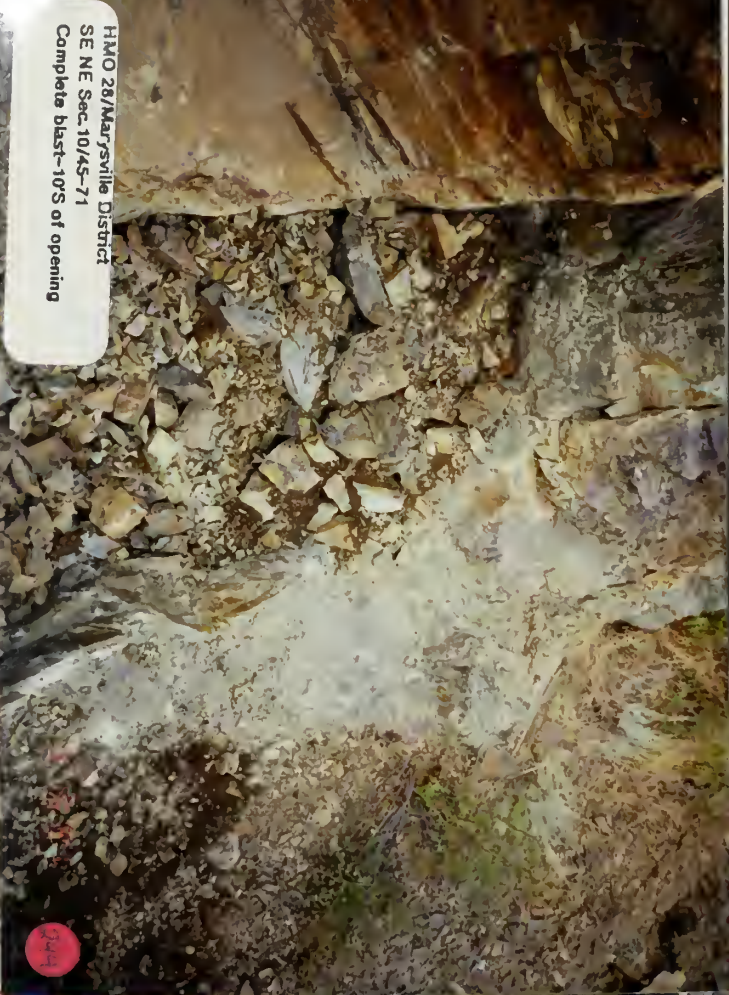


HMO 28/Marysville District  
SE NE Section 10/45-71  
After second blast





HMO 28/Marysville District  
SE NE Section 10/45-71  
Completed blast



HMO 28/Marysville District  
SE NE Sec. 10/45-71  
Complete blast-10'S of opening



HMO 28/Marysville District  
SE NE Sec. 10/45-72  
Complete grate-10'N of opening



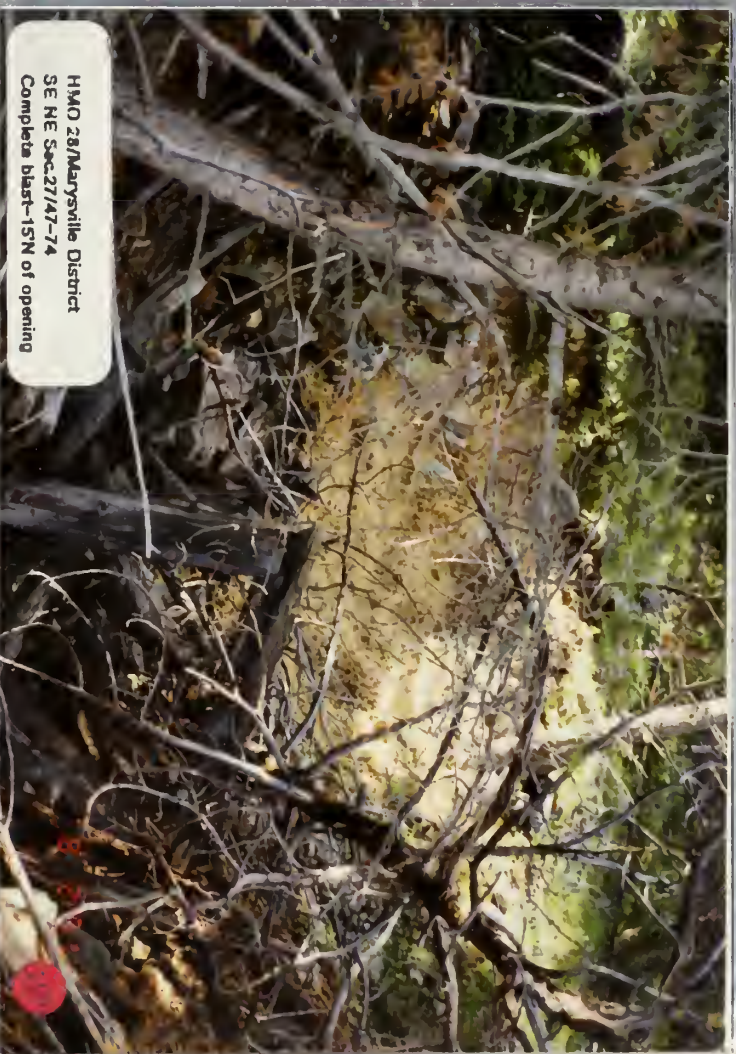
HMO 28/Marysville District  
SE NE Sec. 10/45-72  
Before grate-SE of opening

Before blast

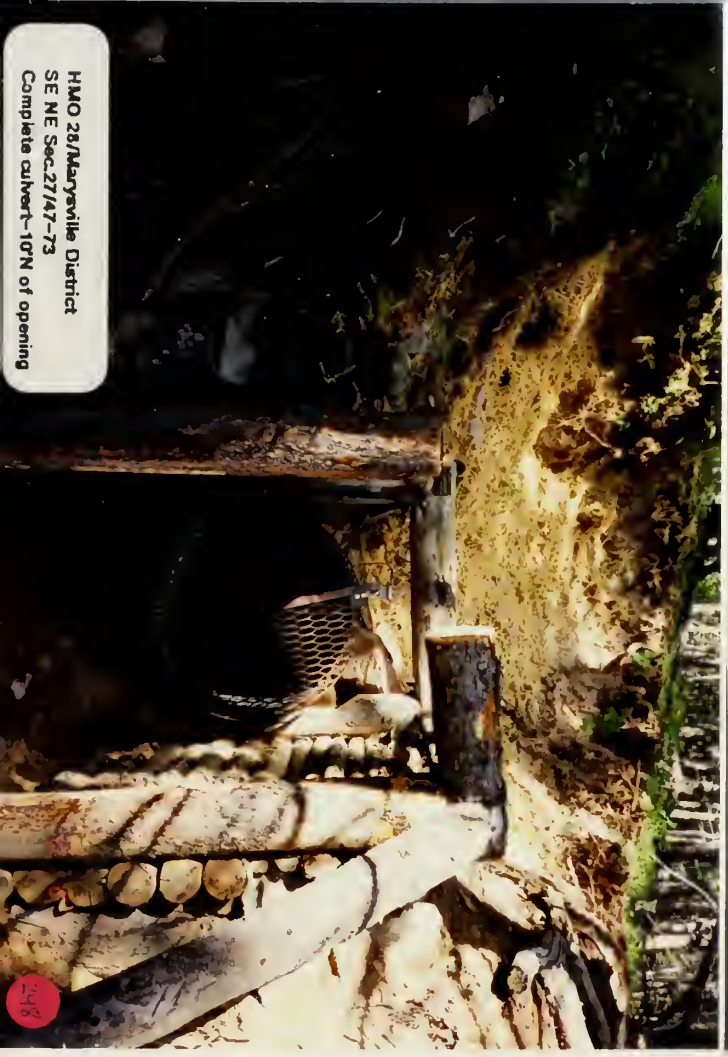




HMO 28/Marysville District  
SE NE Sec. 27/47-73  
Before adit gate-20'NE of opening



HMO 28/Marysville District  
SE NE Sec. 27/47-74  
Complete blast-15'N of opening



HMO 28/Marysville District  
SE NE Sec.27/47-73  
Complete culvert-10'N of opening

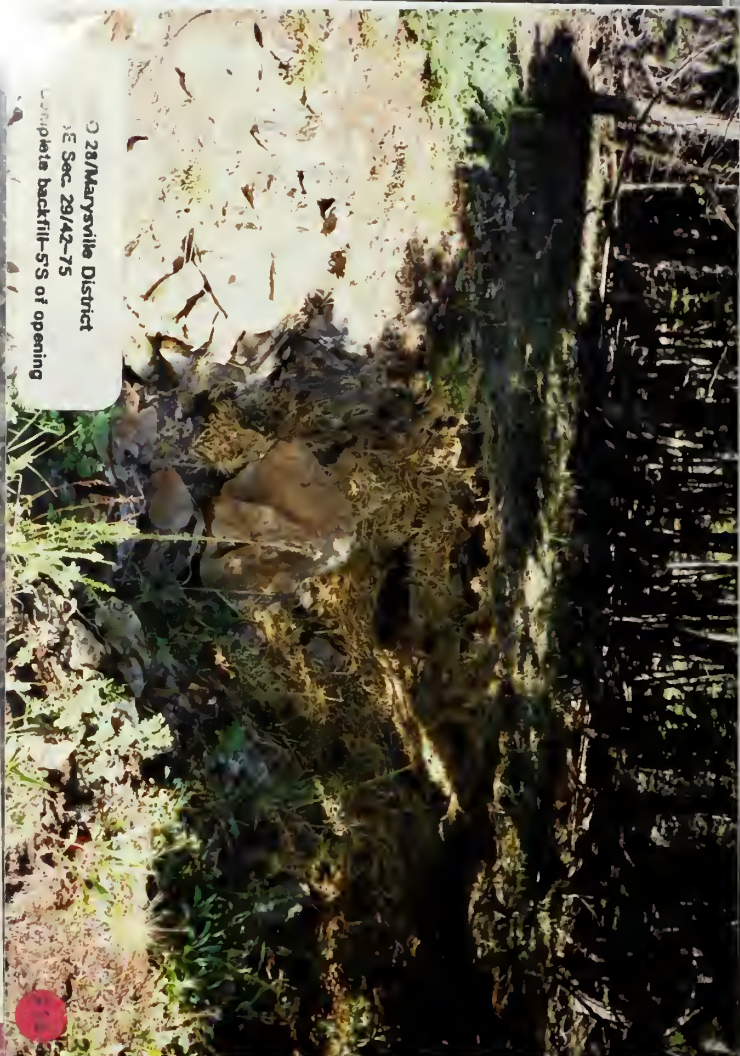


HMO 28/Marysville District  
SE NE Sec. 27/47-74  
Before blast-30'N of opening





HMO 28/Marysville District  
SE SE Sec.29/42-75  
Before backfill-SS of opening



HMO 28/Marysville District  
SE SE Sec.29/42-75  
Before backfill-SS of opening

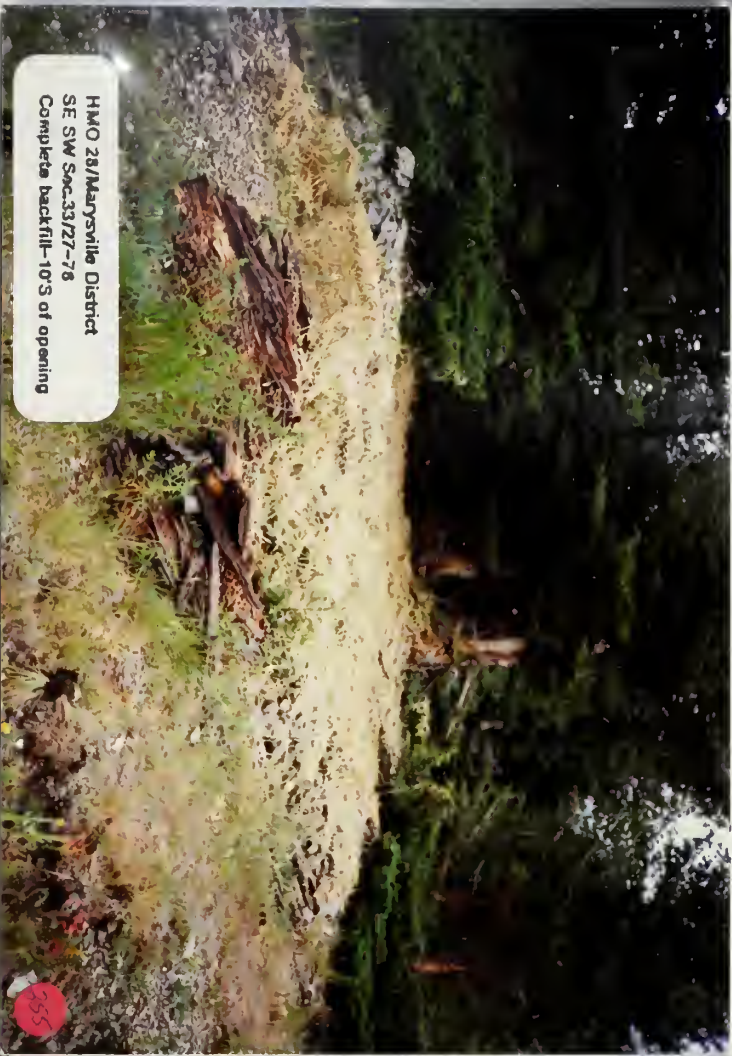


HMO 28/Marysville District  
SE SW Sec.33/27-78  
Backfilling shaft-15S of opening



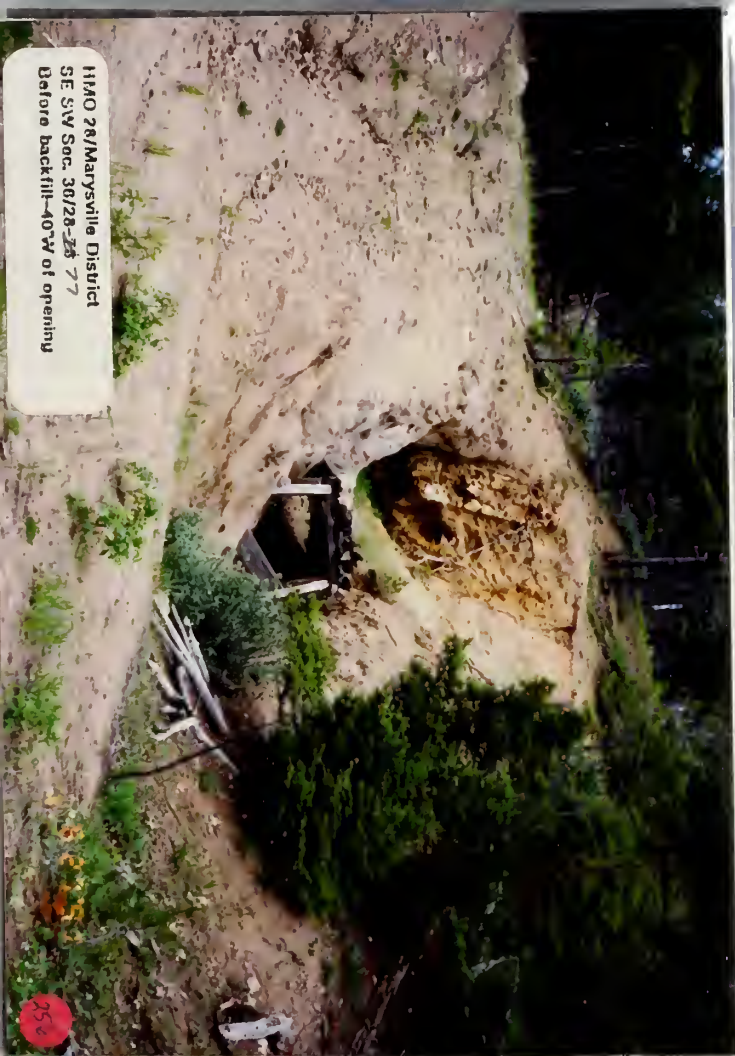
HMO 28/Marysville District  
SE SW Sec.33/27-78  
Before backfill-10N of opening





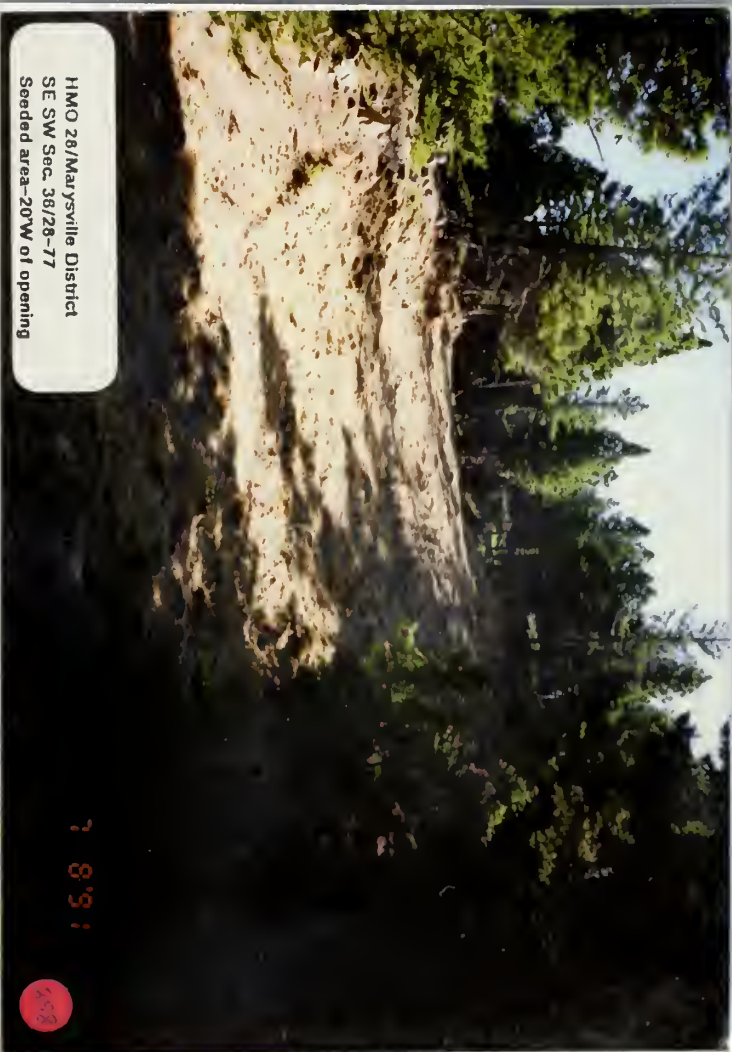
HMO 28/Marysville District  
SE SW Sec. 33/27-78  
Complete backfill-10'S of opening

255



HMO 28/Marysville District  
SE SW Sec. 36/28-28 77  
Before backfill-40'W of opening

256



HMO 28/Marysville District  
SE SW Sec. 36/28-77  
Seeded area-20'W of opening

258

258



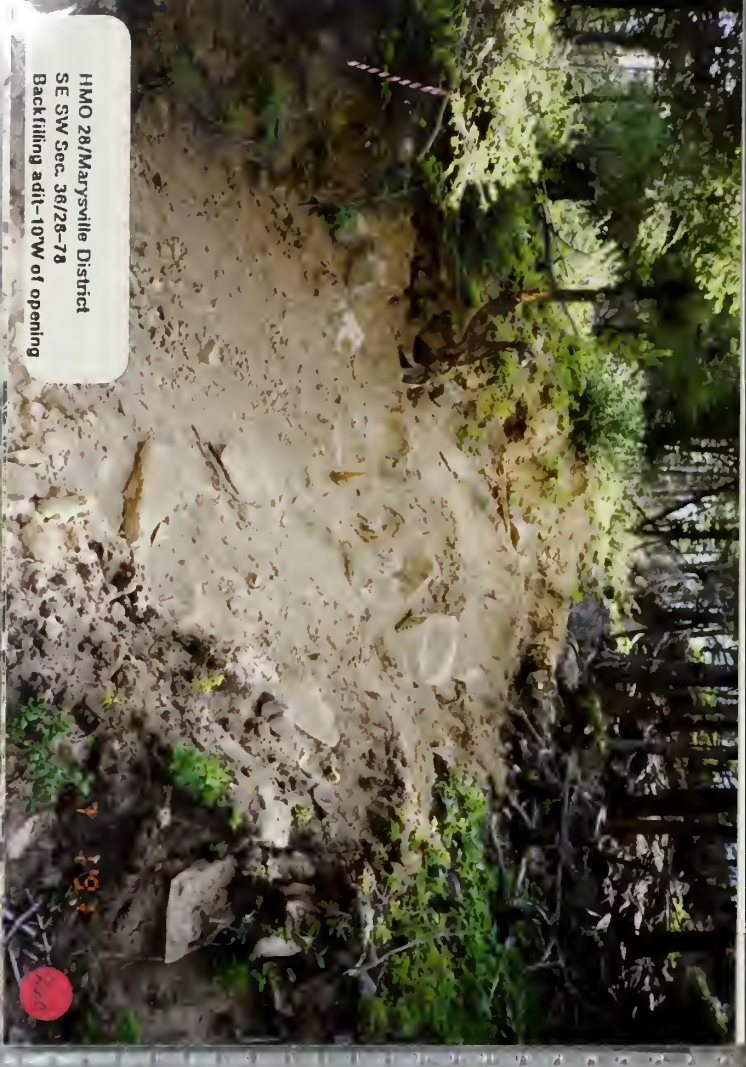
HMO 28/Marysville District  
SE SW Sec. 36/28-77  
Backfilling adit-50'W of opening

259





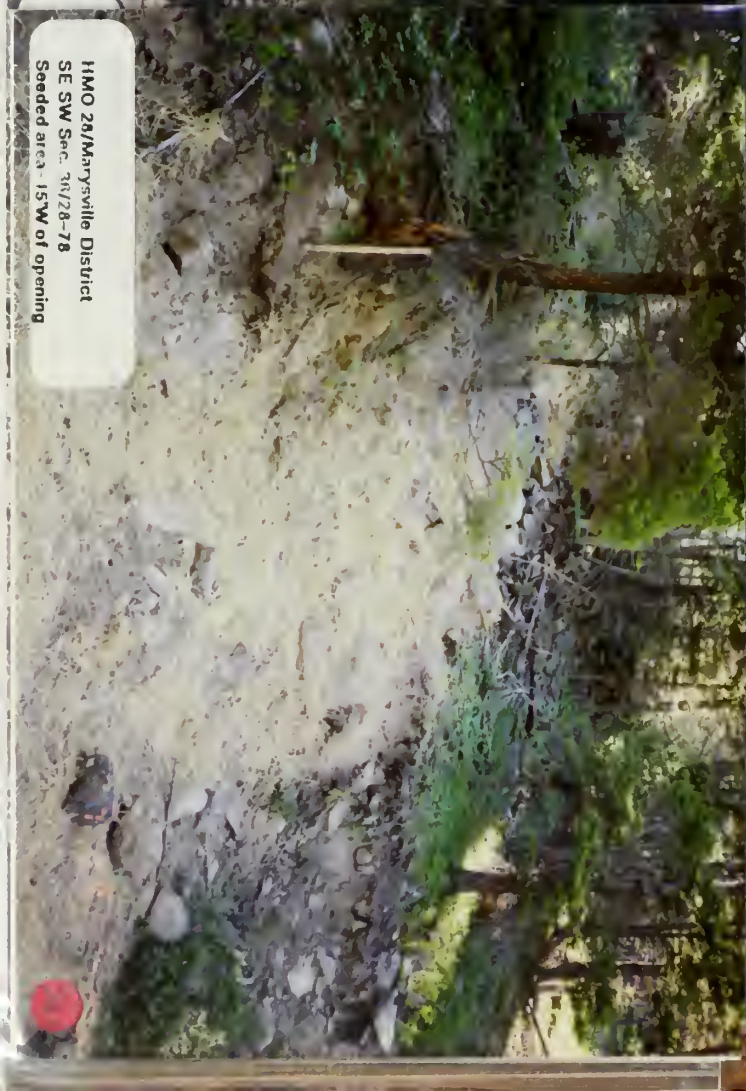
HMO 28/Marysville District  
SE SW Sec. 36/28-78  
Before backfill-20'W of opening



HMO 28/Marysville District  
SE SW Sec. 36/28-78  
Backfilling adit-10'W of opening



HMO 28/Marysville District  
Shannon/30-98  
Before backfill-40'E of opening



HMO 28/Marysville District  
SE SW Sec. 36/28-78  
Seeded area-15'W of opening





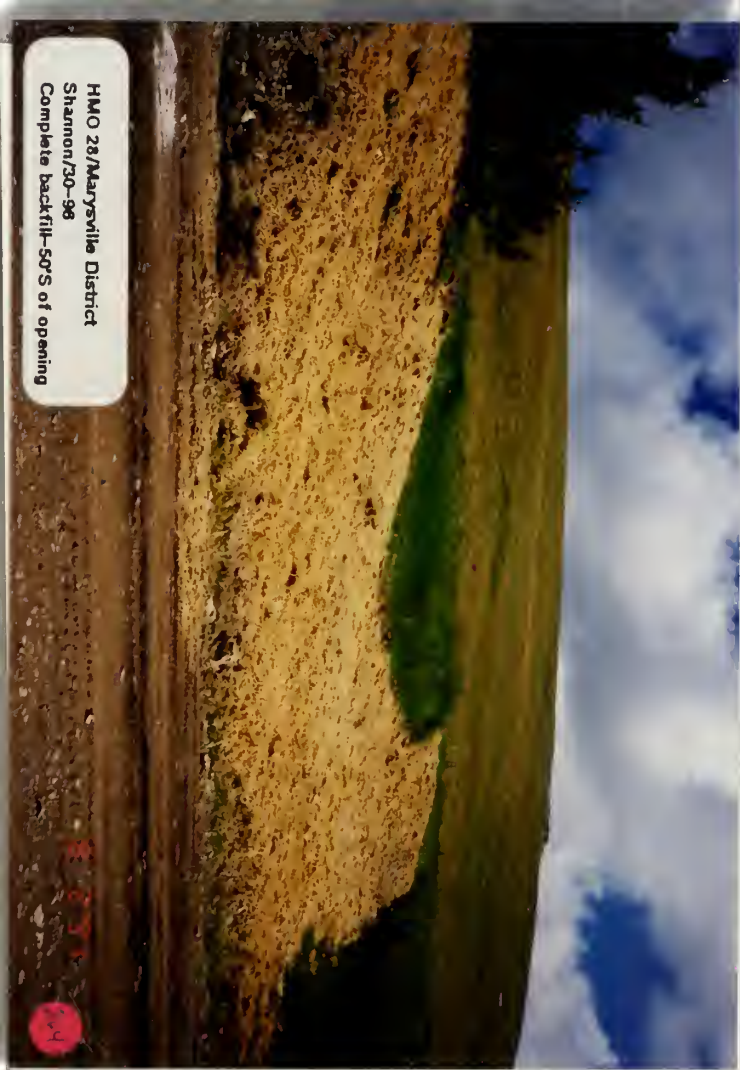
HMO 28/Marysville District  
Shannon/20-98  
Backfilling subsidence-50'S of open

20.2



HMO 28/Marysville District  
SW NE Sec. 31/29-79  
Complete fence-30'W of opening

20.3



HMO 28/Marysville District  
Shannon/20-98  
Complete backfill-50'S of opening

20.4



HMO 28/Marysville District  
SW NE Sec. 10/29-79  
Before fence-10'E of opening

20.5

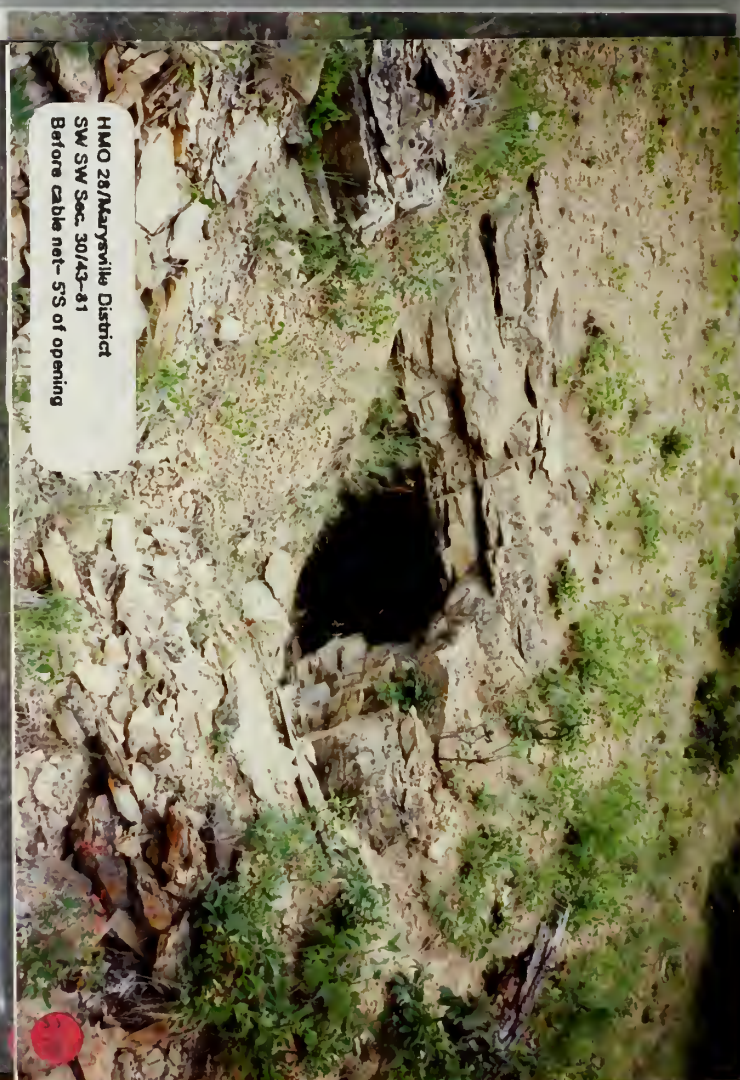




HMO 28/Marysville District  
SW NW Sec. 10/48-80  
Before fence-20'N of opening



HMO 28/Marysville District  
SW NW Sec. 10/48-80  
Installing fence-20'N of opening

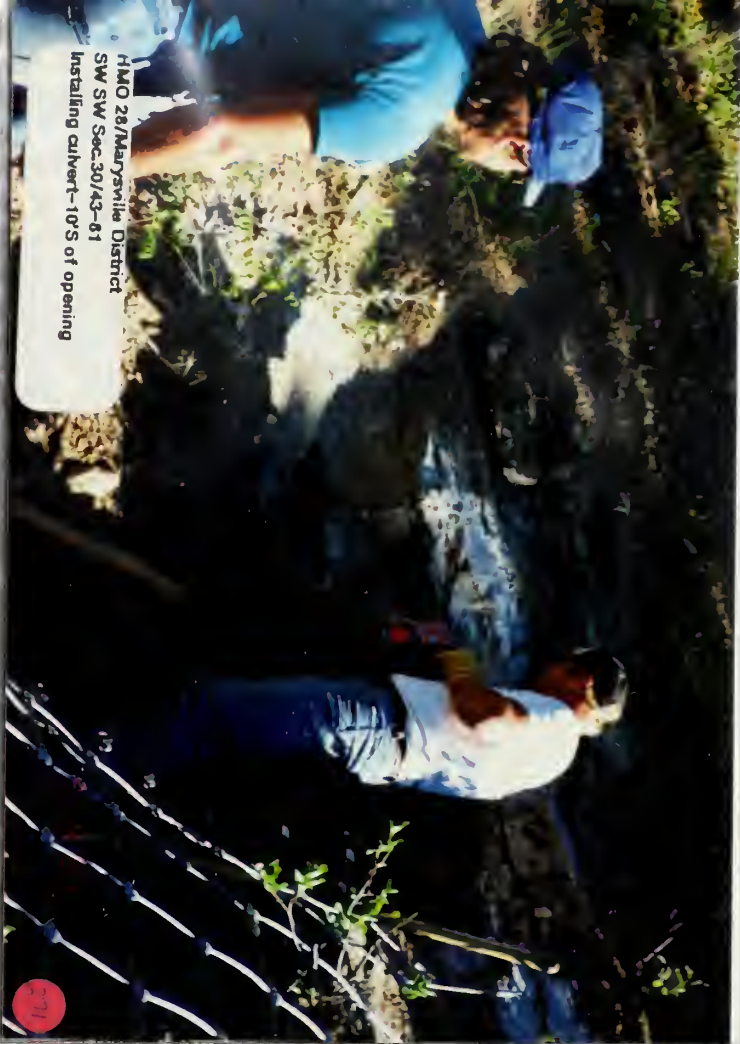


HMO 28/Marysville District  
SW SW Sec. 30/43-81  
Before cable net- 5'S of opening



HMO 28/Marysville District  
SW NW Sec. 10/48-80  
Complete fence-70'W of opening





HMO 28/Marysville District  
SW SW Sec.30/43-81  
Installing culvert-10'S of opening

271



HMO 28/Marysville District  
SW Sec.30/43-81  
Complete cable net-10'S of opening

272



HMO 28/Marysville District  
Snowbird/34-83  
Installing grate-50'S of opening

273



HMO 28/Marysville District  
Snowbird/34-83  
Before grate-25'S of opening

274





HMO 28/Marysville District  
Snowbird/34-83  
Assembling grate-20'S of opening

375



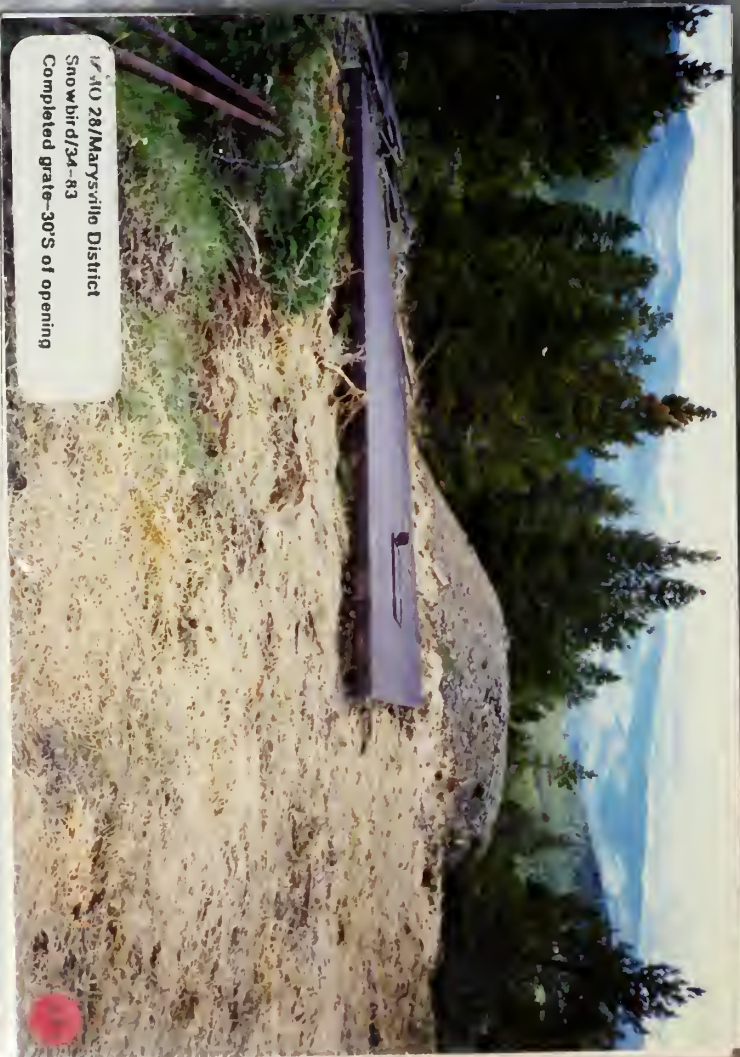
HMO 28/Marysville District  
Strawberry/17-92  
Before backfill-50'E of opening

376



HMO 28/Marysville District  
Snowbird/34-83  
Installing grate-30'S of opening

377



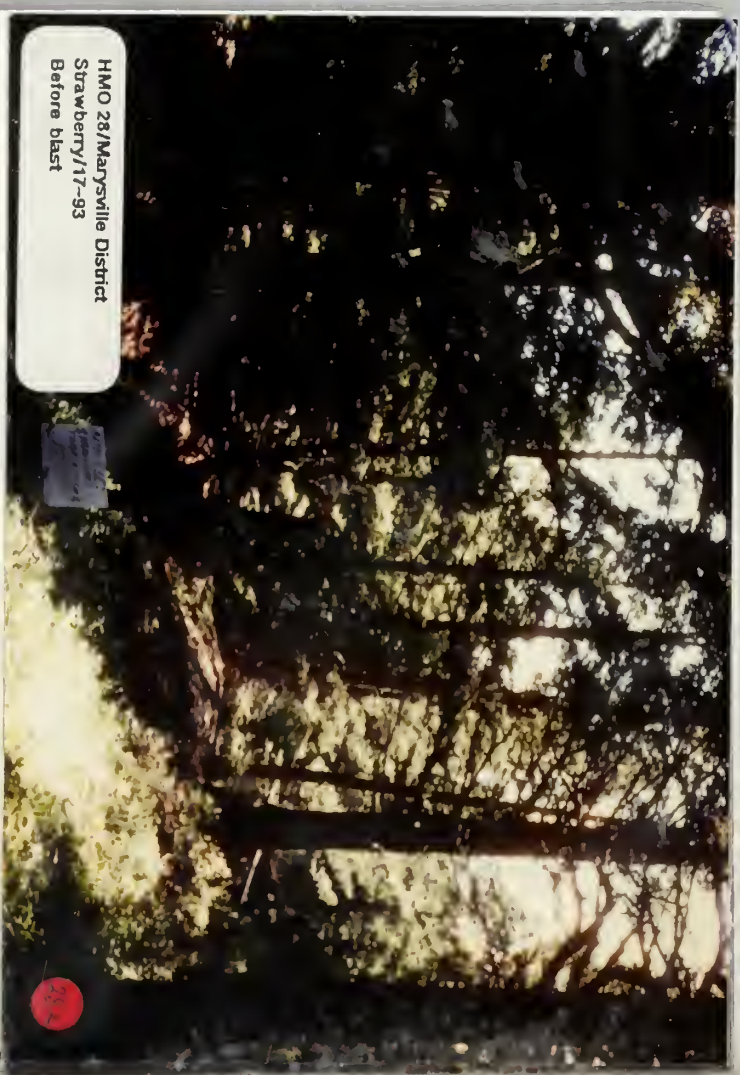
HMO 28/Marysville District  
Snowbird/34-83  
Completed grate-30'S of opening

378





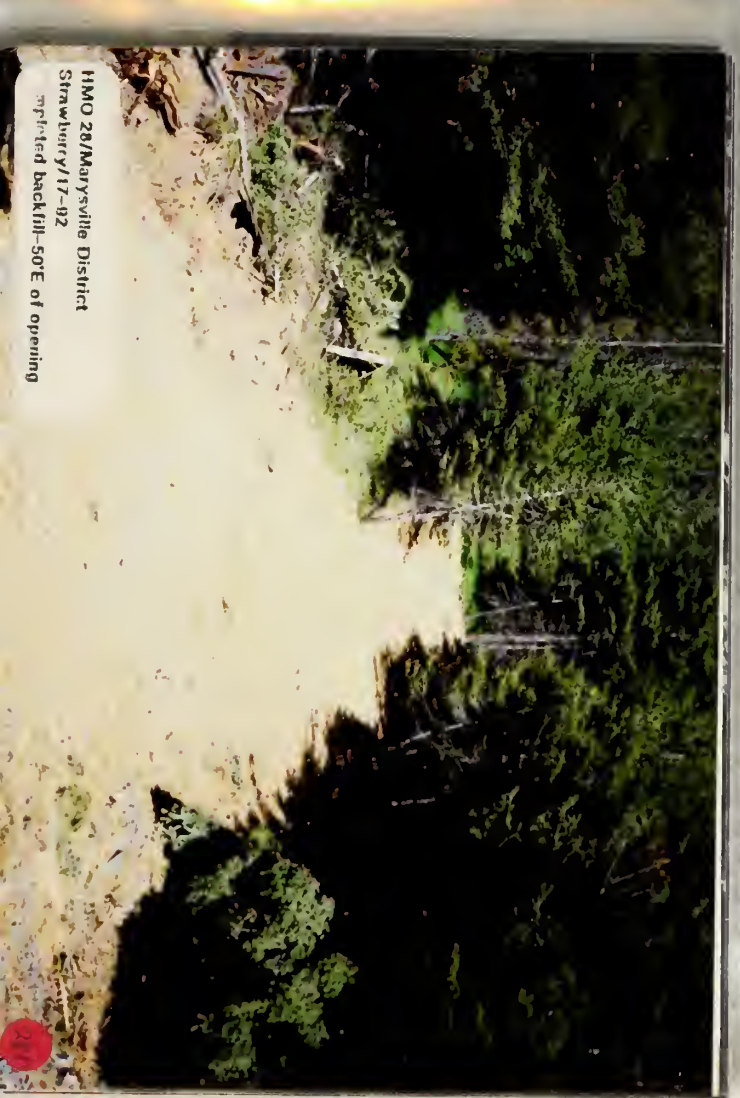
HMO 28/Marysville District  
Strawberry/17-92  
Backfilling adit-50'E of opening



HMO 28/Marysville District  
Strawberry/17-93  
Before blast

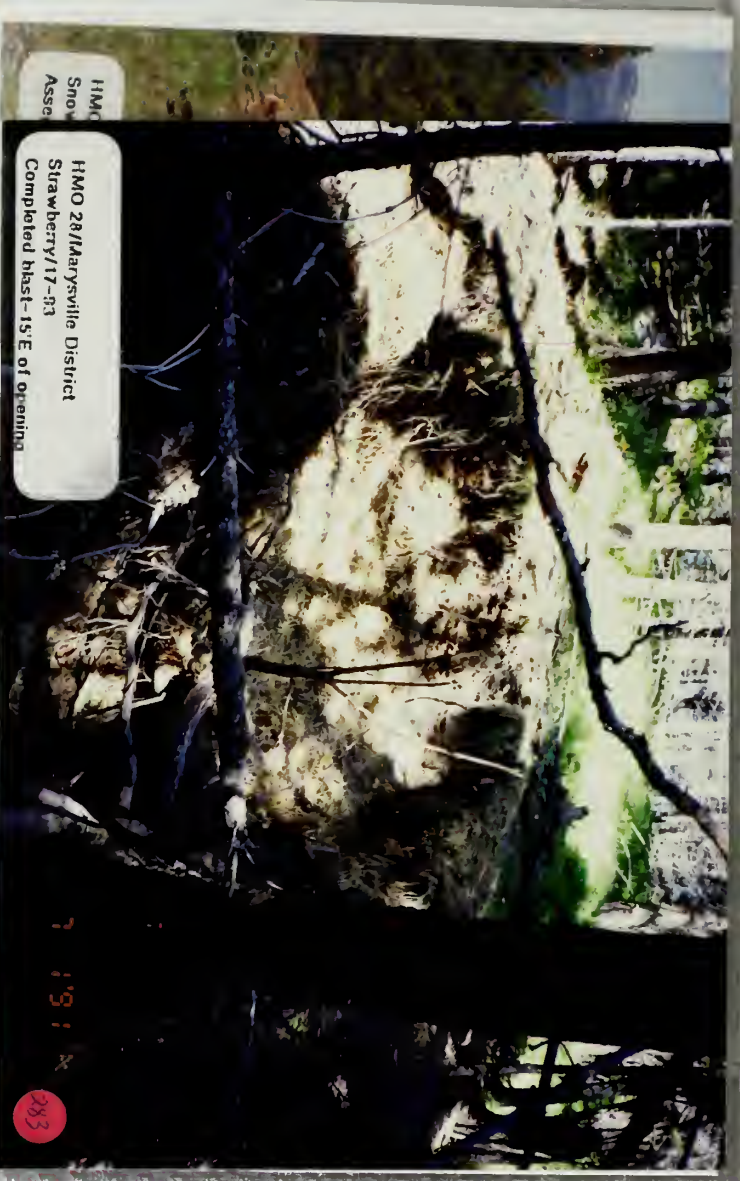


HMO 28/Marysville District  
Strawberry/17-92  
Complete backfill-50'E of opening



HMO 28/Marysville District  
Strawberry/17-92  
Completed backfill-50'E of opening





HMO  
Snow  
Asse  
HMO 28/Marysville District  
Strawberry/17-93  
Completed blast-15E of opening



HMO 28/Marysville District  
Strawberry/17-94  
Before backfill-10'E of opening



HMO 28/Marysville District  
Strawberry/17-94  
Complete backfill-15W of opening



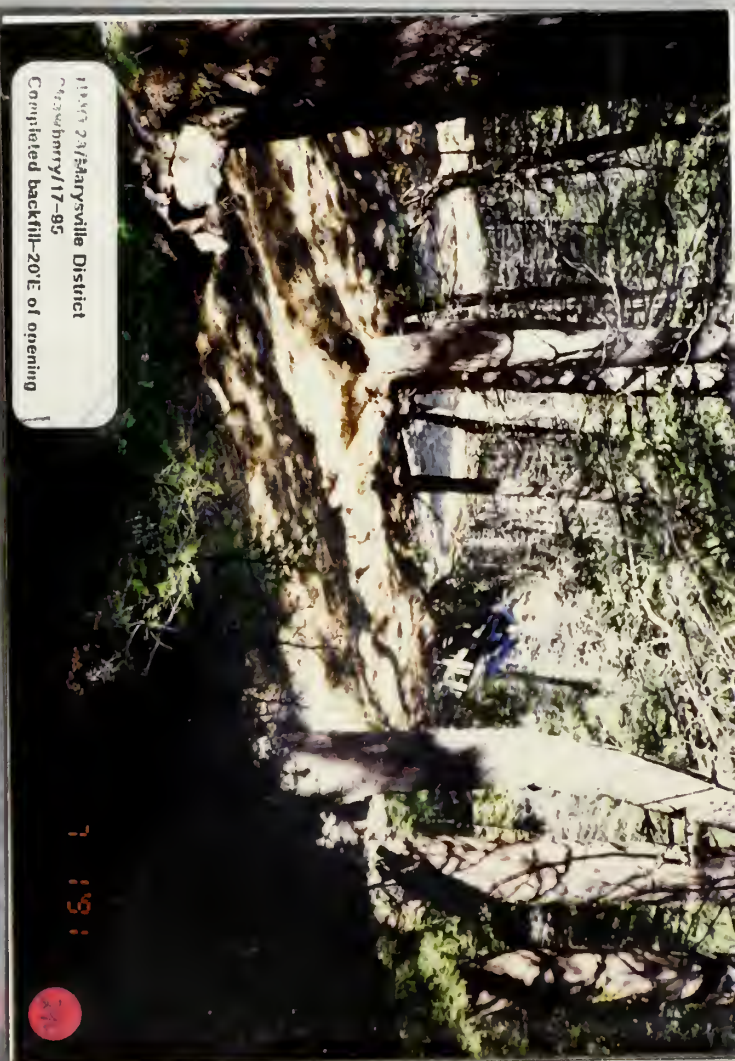
HMO 28/Marysville District  
Strawberry/17-94  
Backfilling shaft-15W of opening





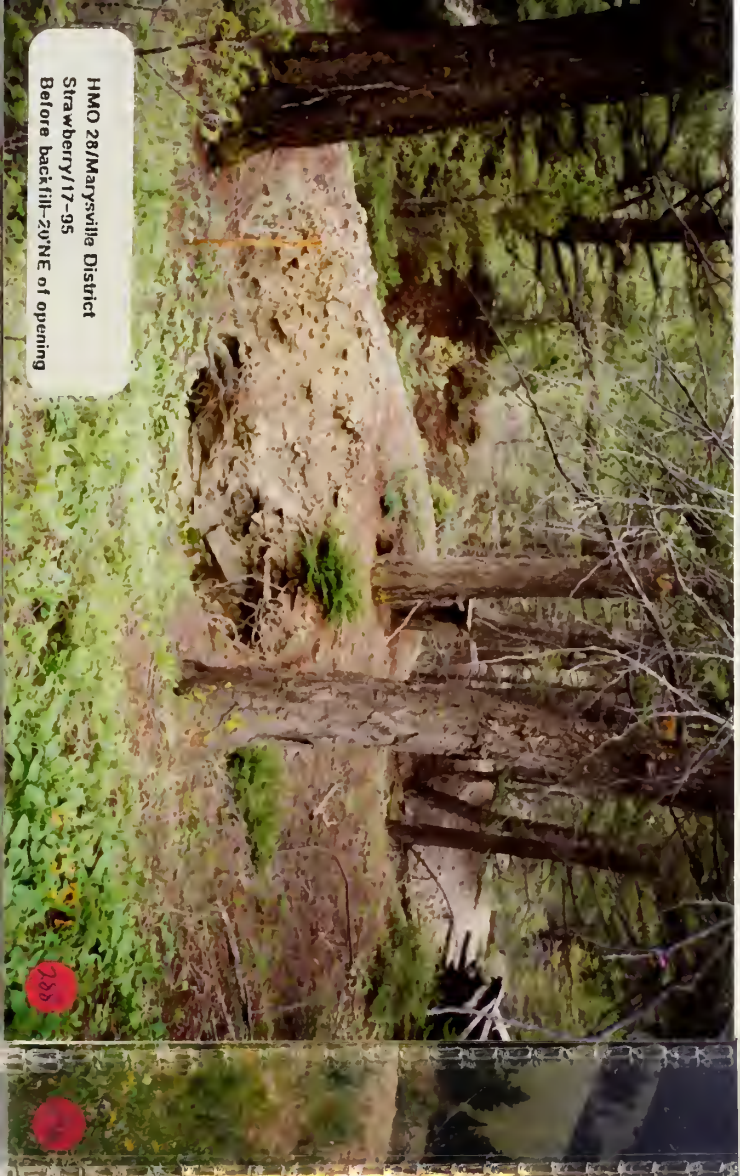
HMO 28/Marysville District  
Strawberry/17-94  
Completed backfill-10E of opening

289



HMO 28/Marysville District  
Strawberry/17-95  
Completed backfill-20E of opening

289



HMO 28/Marysville District  
Strawberry/17-95  
Before backfill-20NE of opening

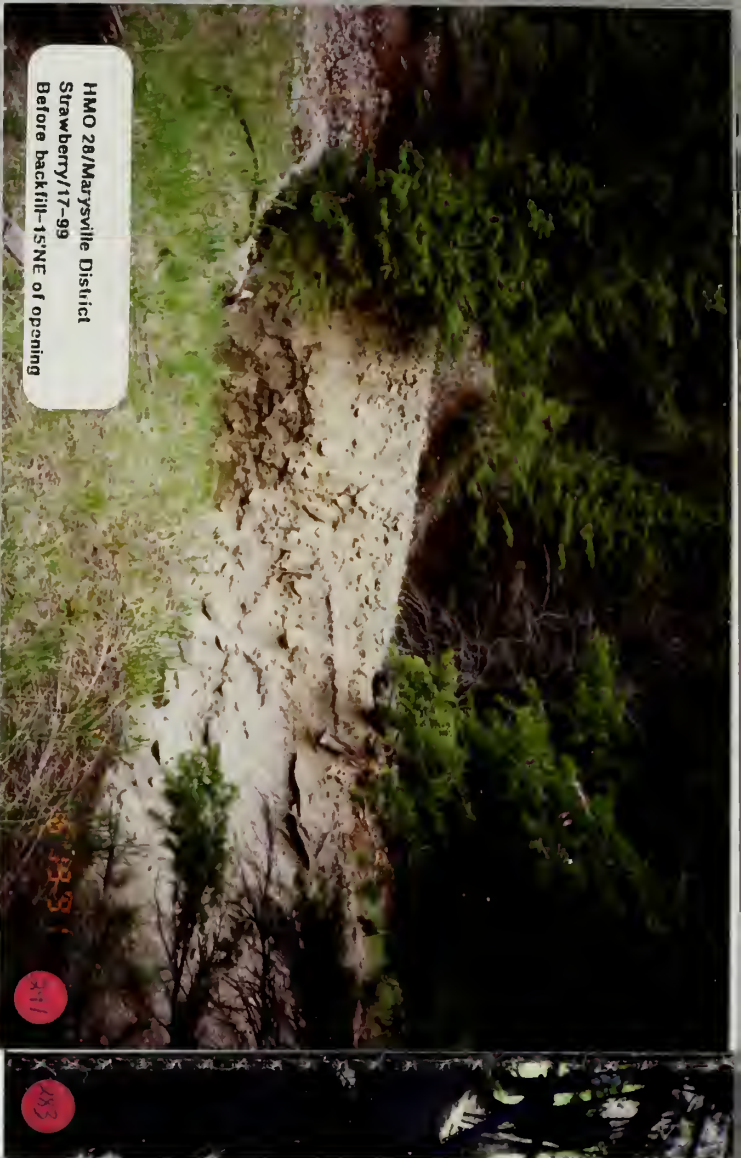
289



HMO 28/Marysville District  
Strawberry/17-95  
Complete backfill-20E of opening

289

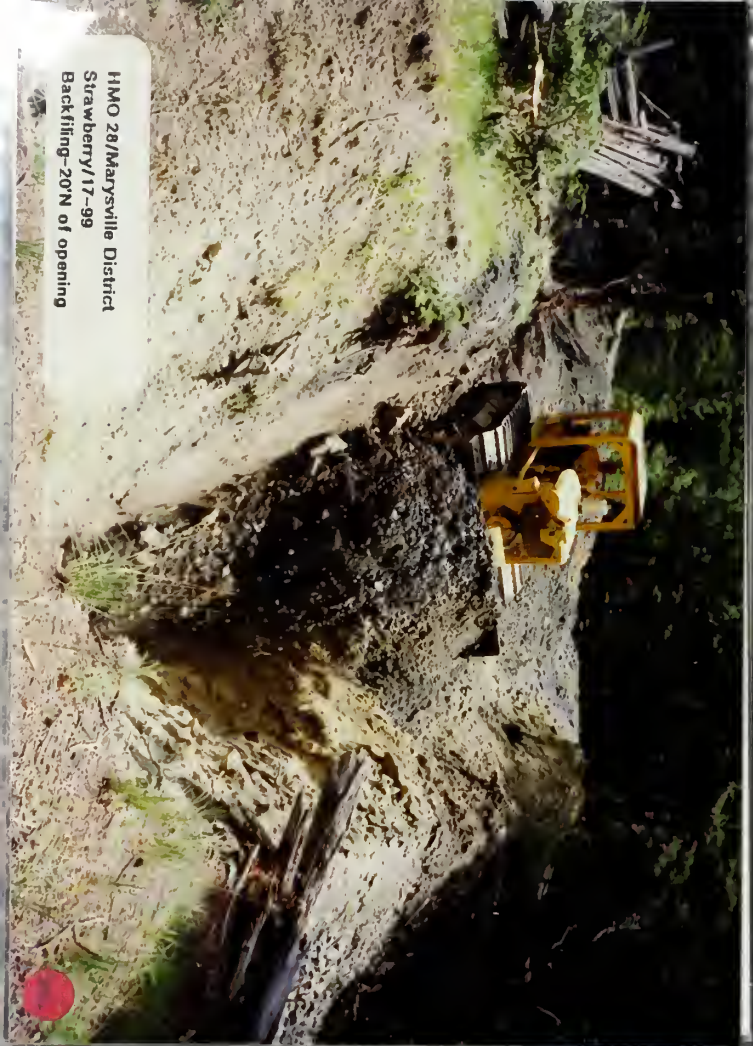




HMO 28/Marysville District  
Strawberry/17-99  
Before backfill-15'NE of opening



HMO 28/Marysville District  
Strawberry/17-99  
Completed backfill-10'SE of opening

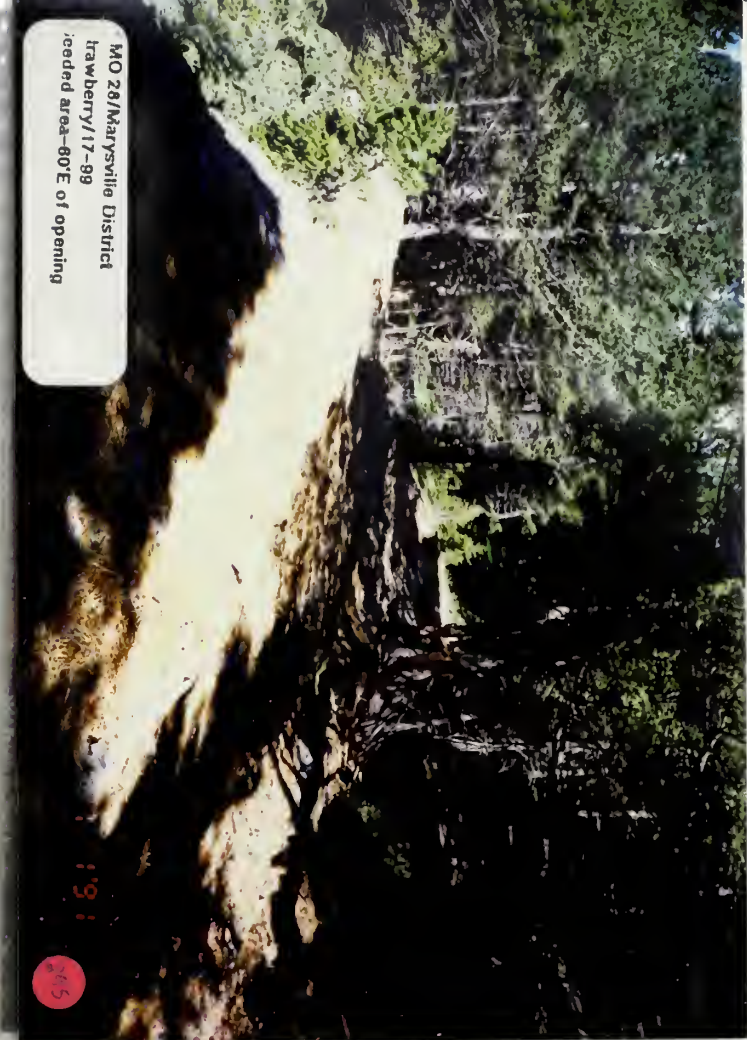


HMO 28/Marysville District  
Strawberry/17-99  
Backfilling-20'N of opening



HMO 28/Marysville District  
Strawberry/17-99  
Complete backfill-30'S of opening

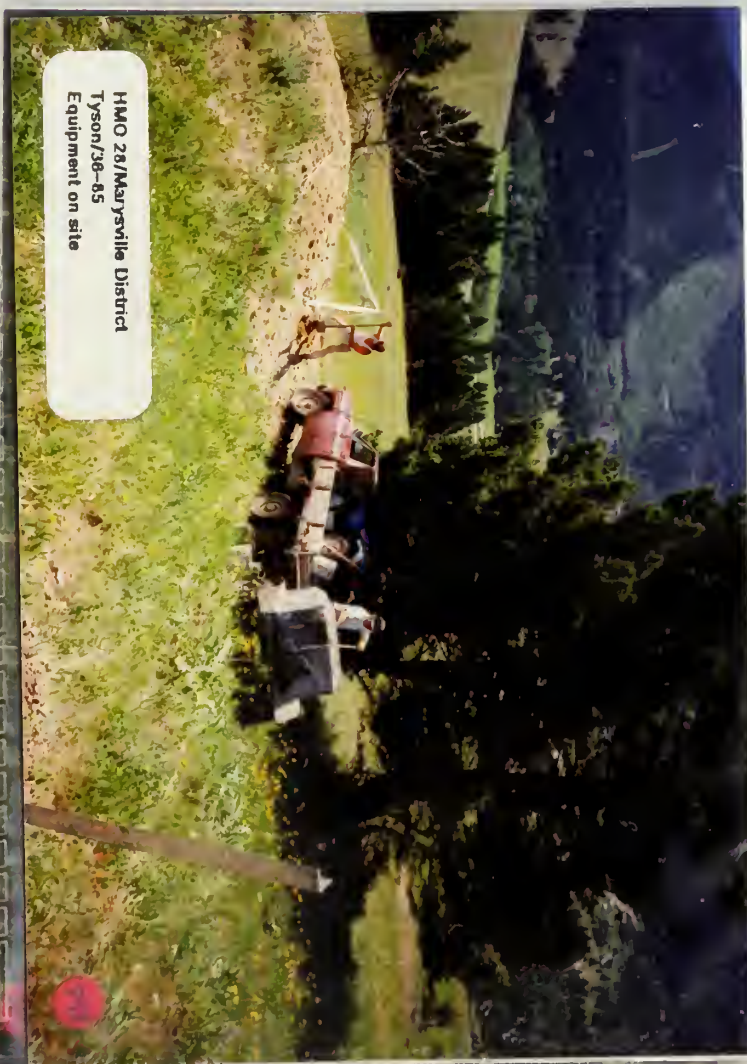




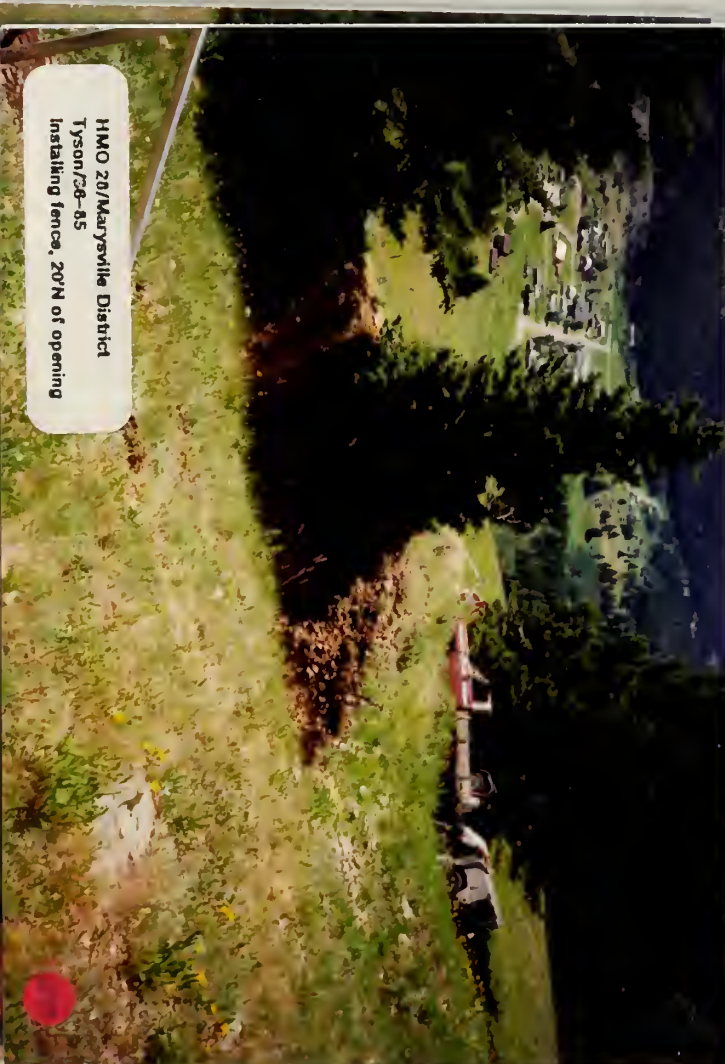
HMO 28/Marysville District  
Hawberry/17-89  
Coded area-80'E of opening



HMO 28/Marysville District  
Tyson/36-85  
Before fence-10'W of opening

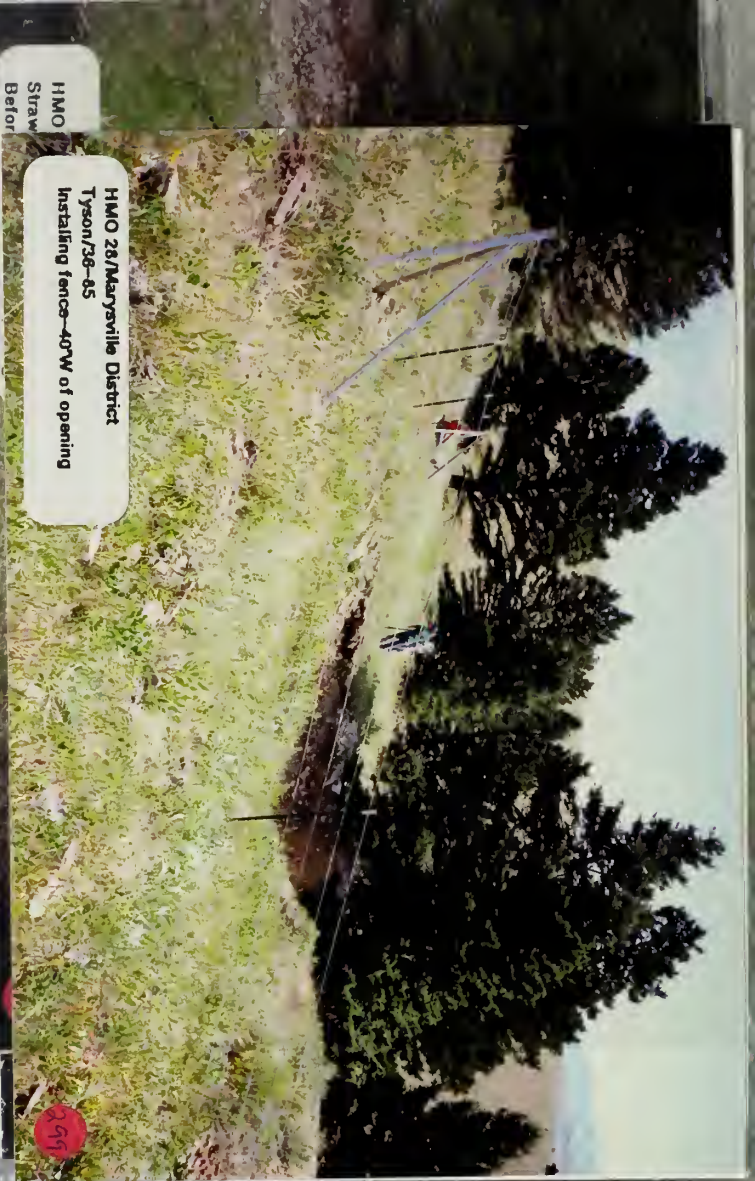


HMO 28/Marysville District  
Tyson/36-85  
Equipment on site



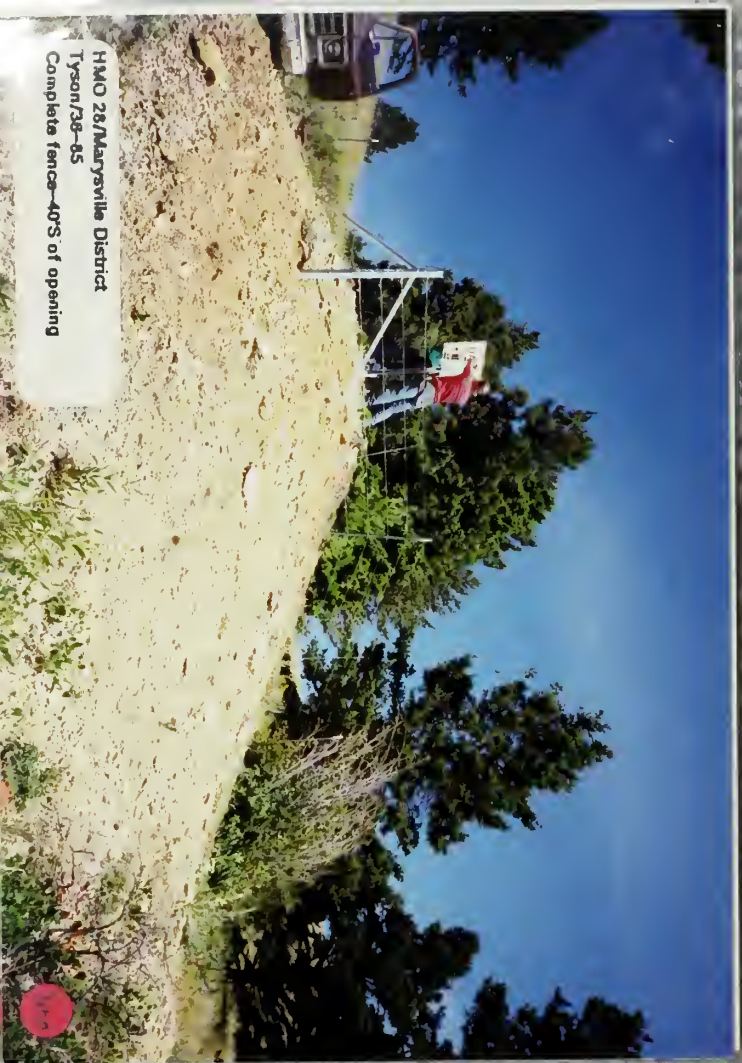
HMO 28/Marysville District  
Tyson/36-85  
Installing fence, 20'N of opening



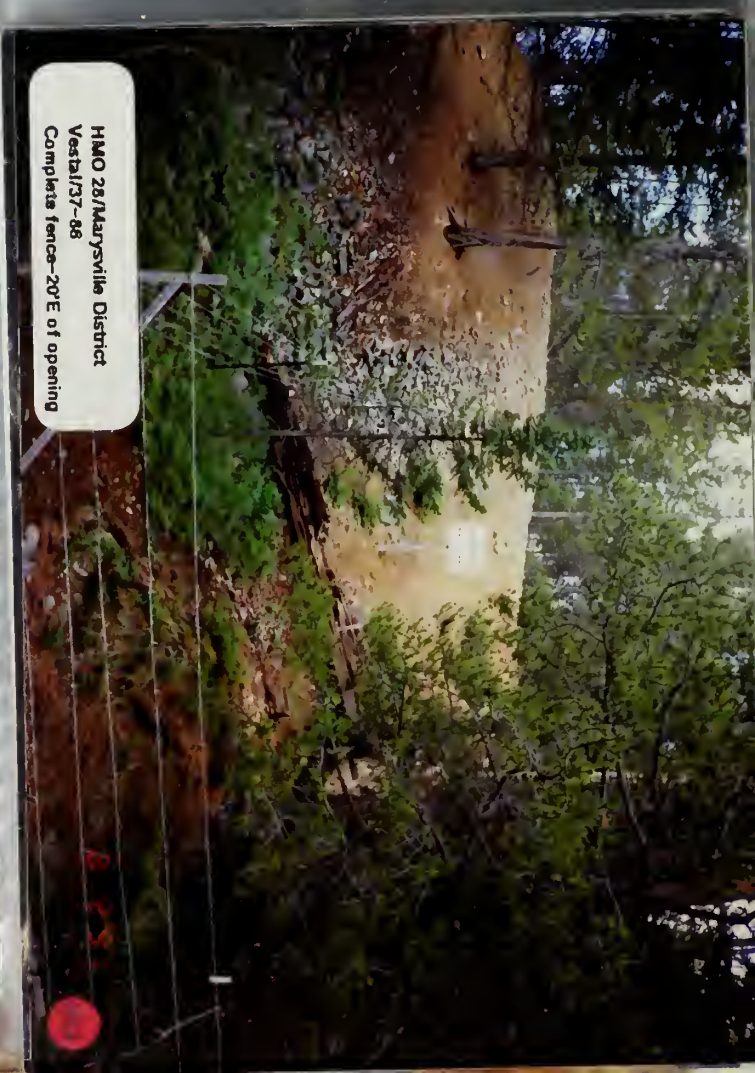


HMO 28/Marysville District  
Tyson/38-85  
Installing fence-40W of opening

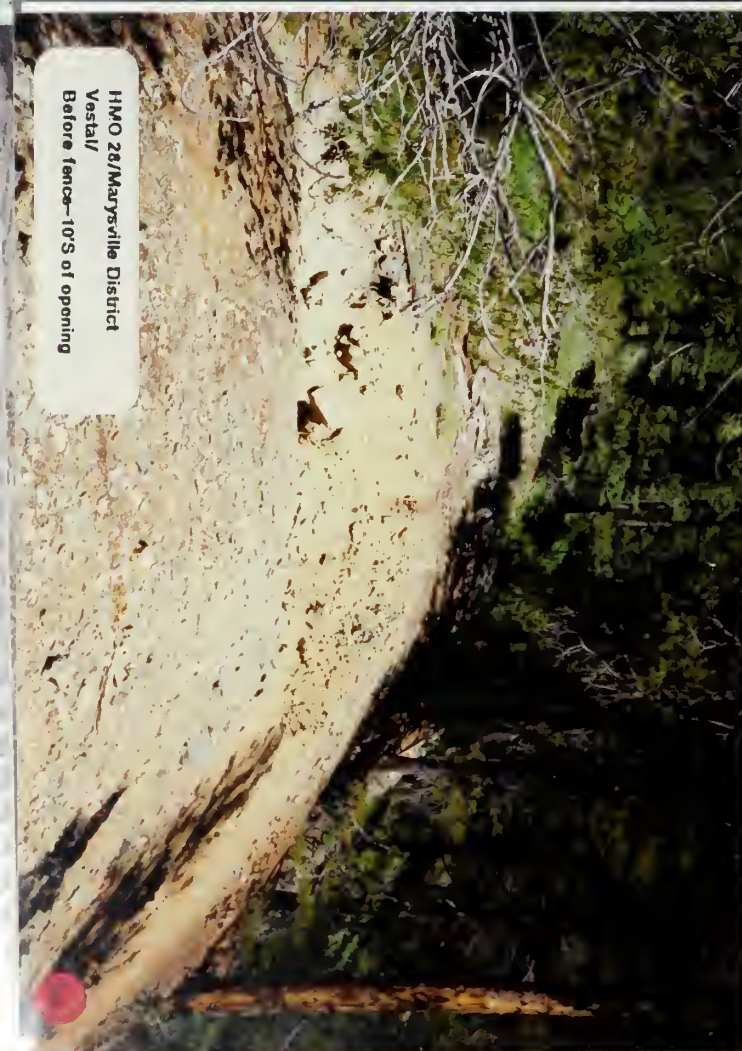
HMO  
Straw  
Before



HMO 28/Marysville District  
Tyson/38-85  
Complete fence-40S of opening

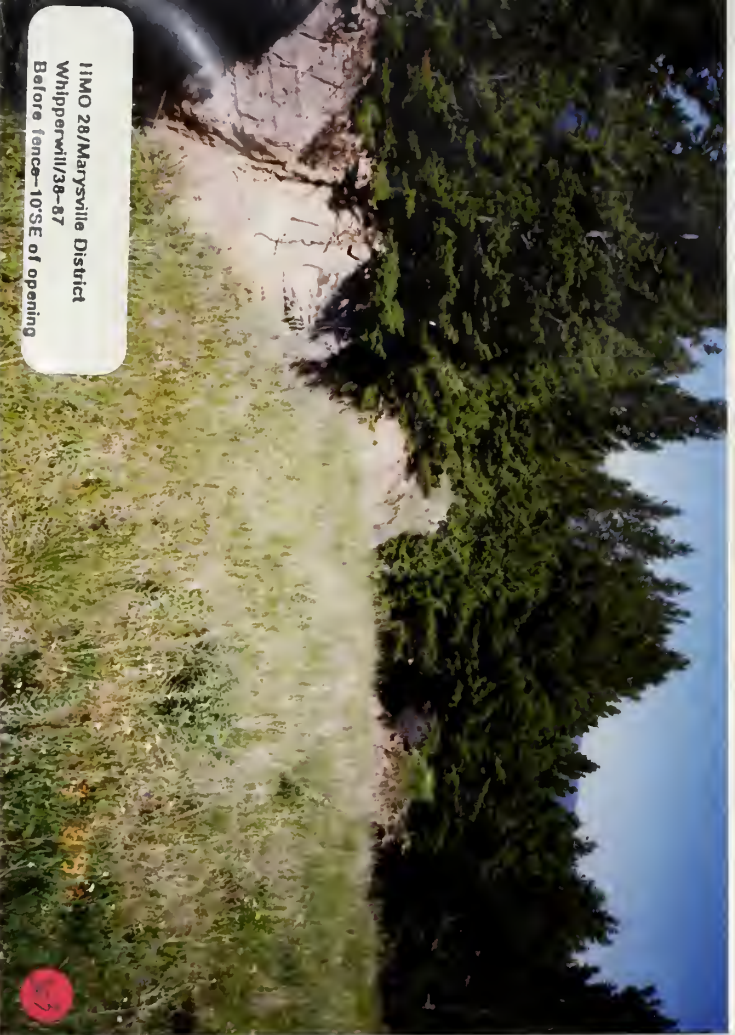


HMO 28/Marysville District  
Vestal/37-88  
Complete fence-20'E of opening



HMO 28/Marysville District  
Vestal/  
Before fence-10'S of opening

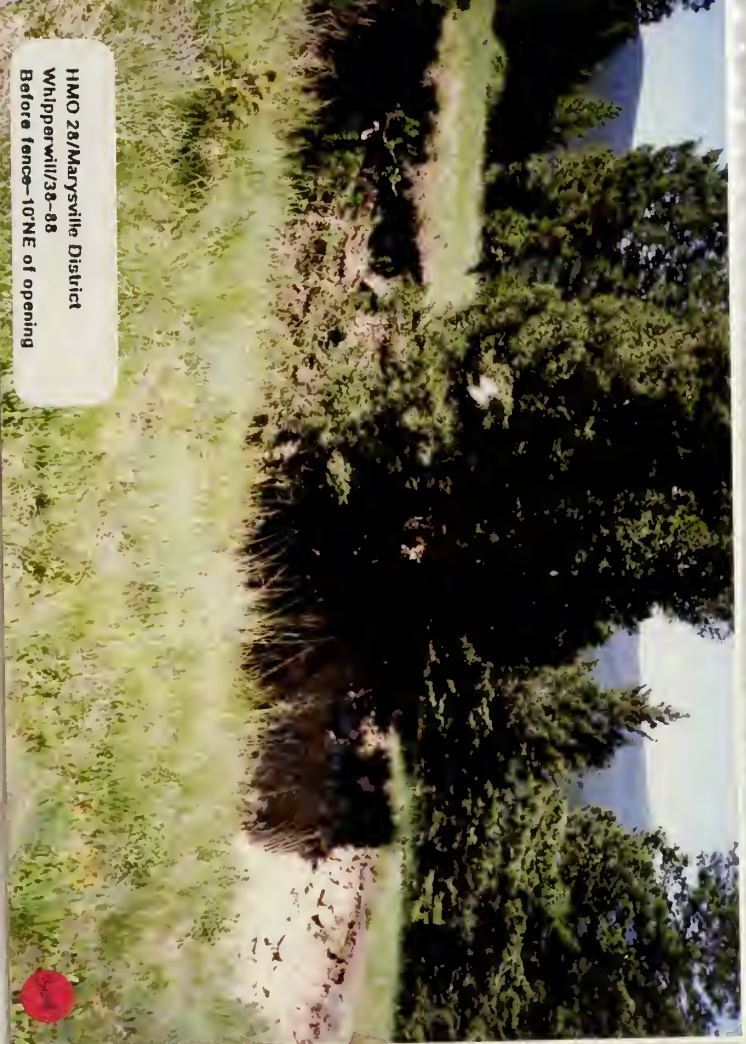




HMO 28/Marysville District  
Whipperwill/38-87  
Before fence-10°SE of opening



HMO 28/Marysville District  
Whipperwill/39-87.83  
Complete fence-50°E of opening

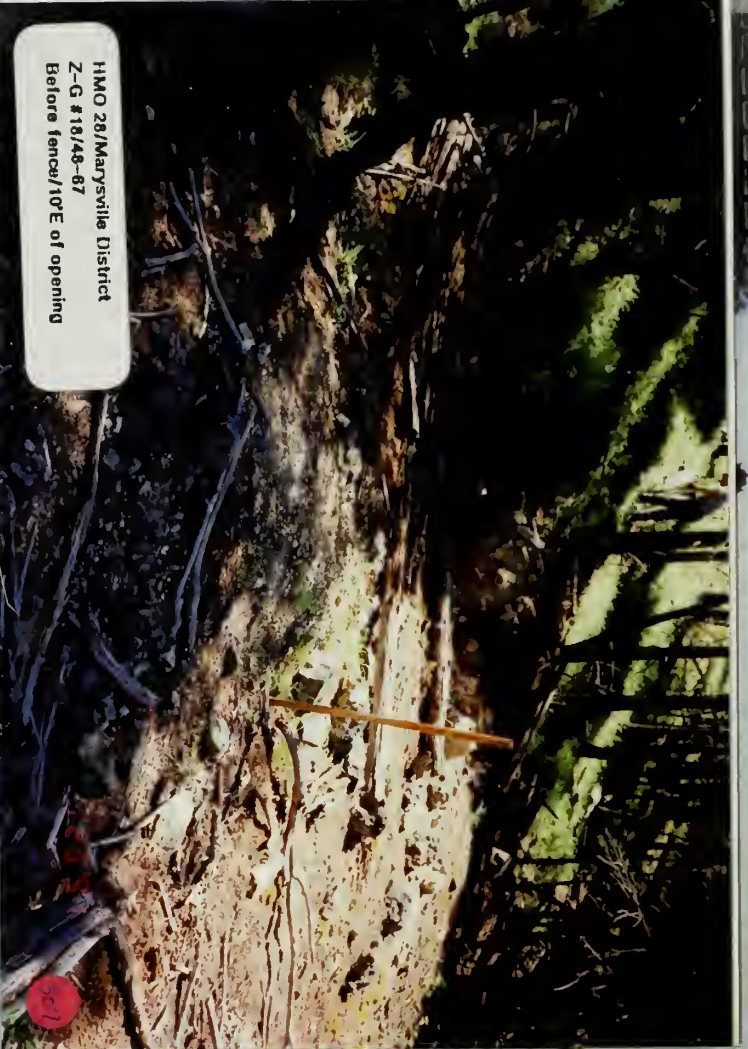


HMO 28/Marysville District  
Whipperwill/38-88  
Before fence-10°NE of opening

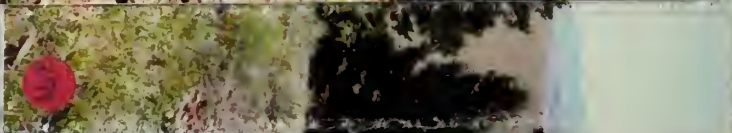


HMO 28/Marysville District  
Whipperwill/38-88  
Installing delineator post-20°E of opening

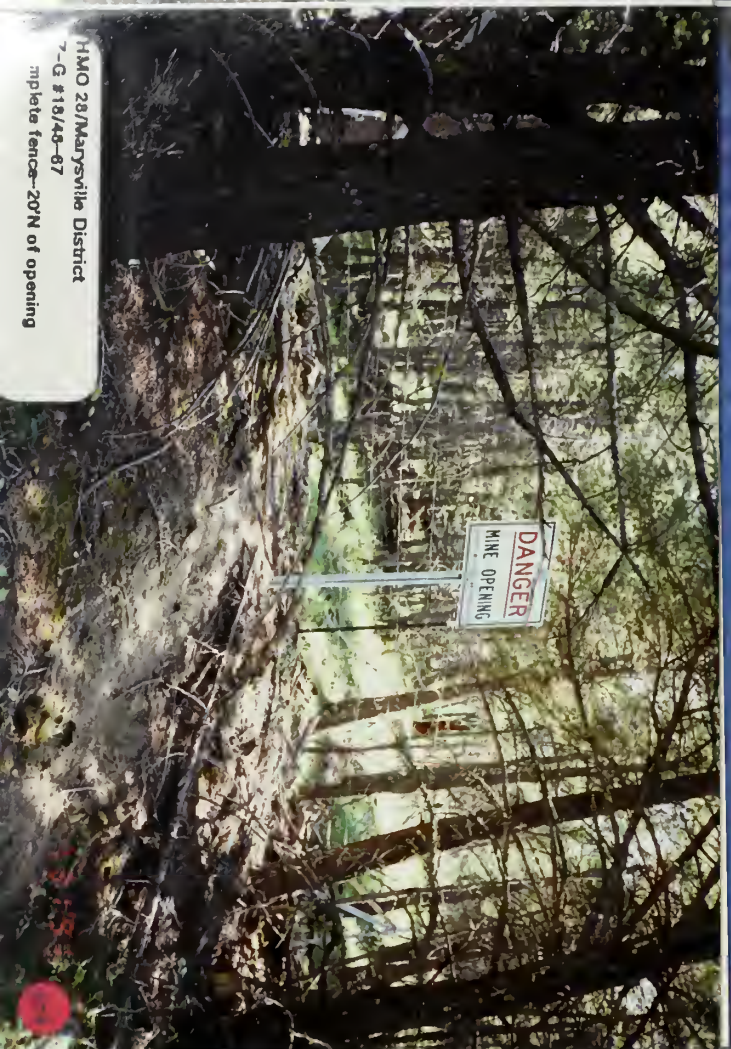




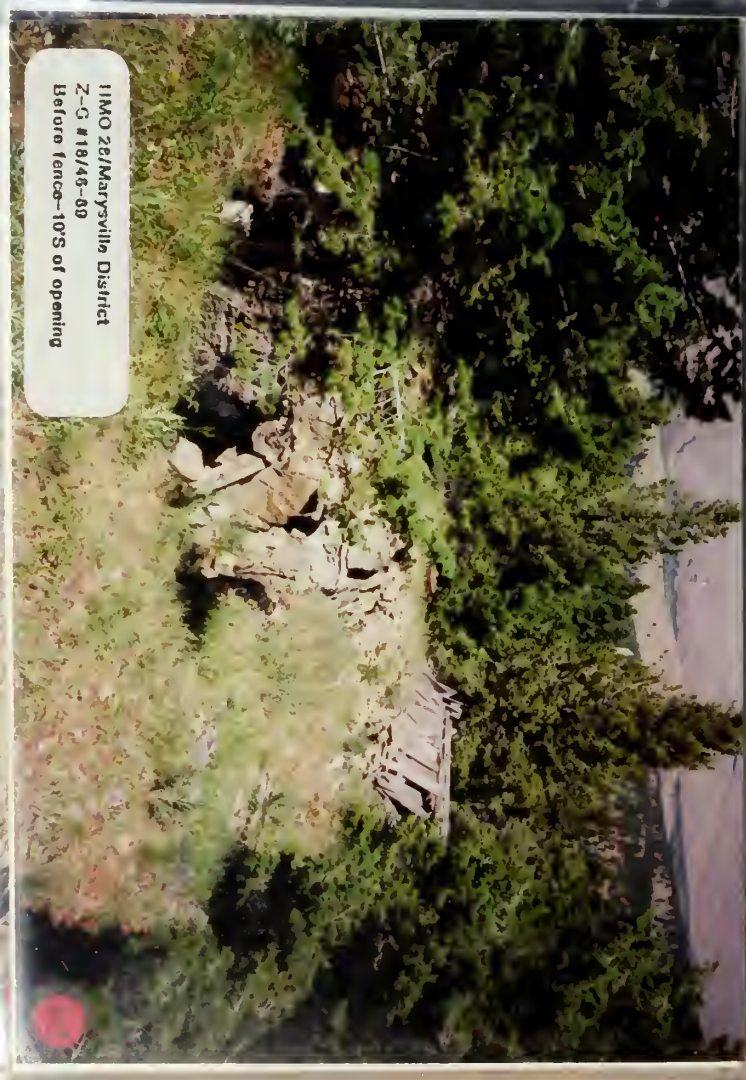
HMO 28/Marysville District  
Z-G # 18/48-87  
Before fence/10'E of opening



HMO 28/Marysville District  
Z-G # 18/48-89  
Complete fence-20'W of opening



HMO 28/Marysville District  
Z-G # 18/48-87  
Complete fence-20'N of opening

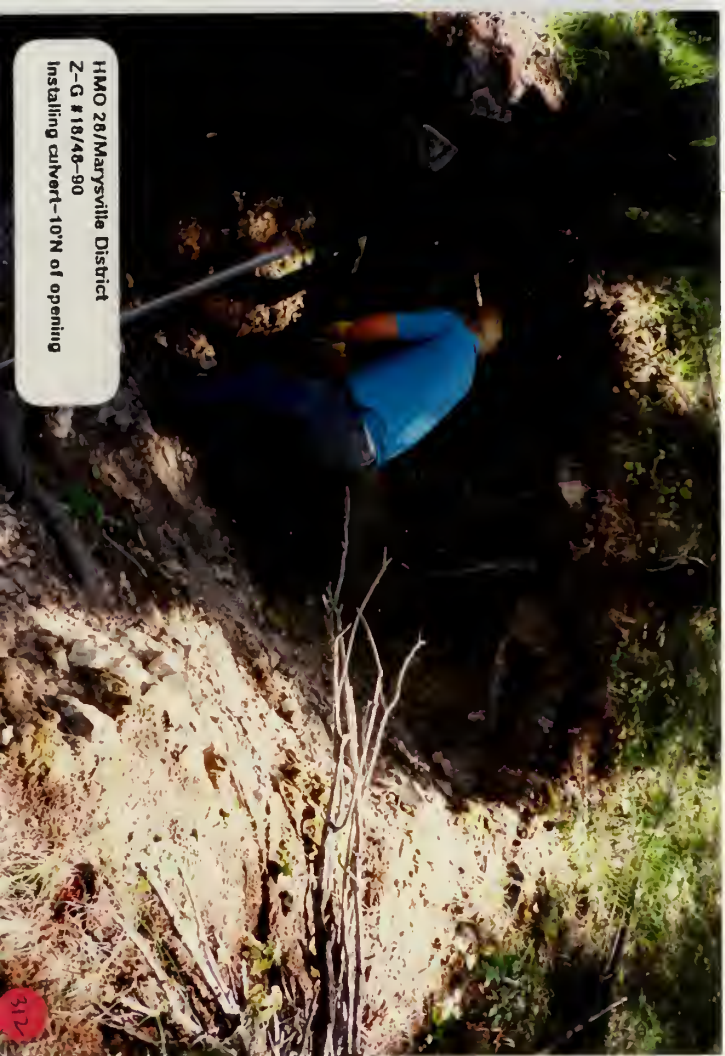


HMO 28/Marysville District  
Z-G # 18/48-89  
Before fence-10'S of opening

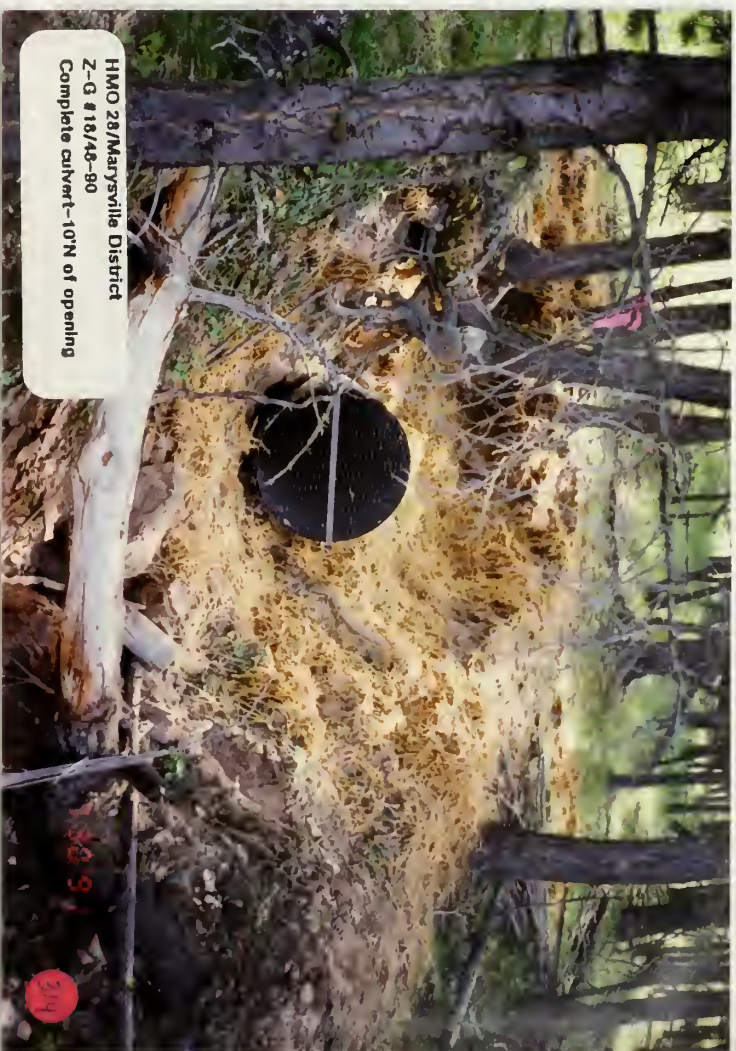




HMO 28/Marysville District  
Z-G #18/48-90  
Before culvert



HMO 28/Marysville District  
Z-G #18/48-90  
Installing culvert-10'N of opening



HMO 28/Marysville District  
Z-G #18/48-90  
Complete culvert-10'N of opening



HMO 28/Marysville District  
Z-G #18/48-90  
Installing culvert-10'N of opening





HMO 28/Marysville District  
Z-G #18/48-91  
Before culvert 31A5T



HMO 28/Marysville District  
Z-G #18/48-91  
Complete blast-20'N of opening







